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Old Dartmouth

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Historical Society

Log Book of Ship Samuel Russell
from New York bound to China and
back again June 1860 –
Capt Elihu E. Winchell –
Arthur Brown Chief Officer

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Beef Account of Stores &c &c

June 15th 1 bbl. Beef
" 22 " " "
July 6 " " "
" 23 Last voyage "
Aug. 3 " "
Aug. 11 " 6 bbls "
Aug 25 1 bbl Beef
Sep 1st " "
" 9 " "
" 17 " "
" 24 " "
Oct 1st " "
Oct 8 " "
" 20 " "
" 28 " "
Nov 11 " "

Outward stores

Pork

June 15 1 bbl Pork
July 10 " "
" 27 " "
Aug 13 " "
" 31
Sep 17 " "
Oct 2 " "
Oct " 14 " "
Oct 31 " "
Nov 13 " "

Bread

82 lbs

June 15 1 bbl Bread
" 27 " 86 lbs
July 7 " 82 -
" 16 " 82 -
" 27 " 81 -
Aug 5 " 84
" 13 " 84
" 21 " 81
Sep 2 " 85
" 9 " 80
" 16 " 80
" 21 " 83
Oct 7 " 81
" 17 " 81
" 27 " 80
Nov 4 - 104
Dec 15 - 113
2 110

1731
608
4407

Dec 19th 116 lbs

Flour

June 16 1 bbl Flour
July 6 " " = 20 days
July 28 " " = 22
Aug 15 " " = 18
Sept 1st " " = 16
" 19 " " = 18
Oct 5 " " = 16
" 26 " " 15
Nov 5 " " 15

Pig feed

Sep 4 1 bl bread 85 -
Nov 4 " 87 -
172

June 15th Broached Cask Coal
July 12th " " "
Aug 15 " " "
Sep 11th Broached coal in Hold -

Saturday afternoon June 16
Broached Cask after water
tank empty 400 gallons -
June 30th " 390 "
July 9th " 460 "
Aug 2 months allowance
30 Gallons a day -
Oct 1st Broached Starboard fore and aft tank
600 gallons -

See Journal of Occurrences
Journal of Occurrences

Account of Running and Standing rigging used during the Voyage

	Description		Length		size
+1	Starb. Miz R. backstay lanyard	Hemp	33.	feet	2 1/4
+1	1 watch tackle fall	Manilla	60	"	2 1/2 "
+1	Fore topmast Stunsail downhaul	"	126	"	
+1	Lower stunsail sheets	"	30	"	2 1/2
+ +	Main topmast staysail Halliards	"	218	"	3
2	Fore topgall backstay lanyards	Hemp	90	"	3 1/4
2	Spanker Vangs	Manilla	120		2 1/2
+2	Main Spencer ~~Vangs~~		102		2 1/2
1	Miz topsail Halliards	"	168		3 1/4
X	Best Bower Jibsail	"	378		1 1/2
2	Miz T. Gall Braces	"	156		2 1/4
+2 +	Main T. Gall Bunlin	"	276		2 1/2
	Port Miz R. Brace	"	142		1 3/4
+1	Fore topgallant Stunsail Halliard	"	192		2 3/4
+ 2	Main Royal braces	"	312		2
+2 +	Main T Gall Braces	"	372		2 3/4
+ 2	Fore T. "	"	480		2 1/4
1	Miz R. Bunting	"	114		1 1/2
+	Main T.G. Runner	Hemp	76		4 1/4
1	Jib sheet Whip	Manilla	102		2 3/4
+2	Fore topmast Stunsail Halliard whips	"			2 1/2
1	Starboard Miz T.G. clewline	"	108		1 3/4
+2	Fore T.G. buntlines	"	276		2 1/4
2	Fore Royal backstay lanyards	Hemp	84		2 1/4
2	Fore Skysail	"	84		
2	Spanker sheet whips	Manilla	216		3 1/2
2	Whale boat falls	"	192		2 1/2
1	Port Main Foodrope	Hemp	83		4 1/2
x2 +	Main T.G. stunsail tacks	Manilla			2 1/2
x2 +	Main R. Staysail sheets	"	162		2 1/2
+1	Fore Royal Runner	"	180		2 1/2
+1	Port Fore Skysail sheet	"	138		1 1/2
x2	Fore T. sail ruf Jig Runner	"	108		2 1/2
+2	Fore	"	84		2 1/2
	Reef Pen's for Main Topsails	"	180		1 3/4
1	Main T.G. stunsail tupplyline	"	420		2
					1

List of Stores on Camp Pat — June 16 1860

Bread.	Beef.	Pork	Flour
60 28 lbs Indian 9 44 Pilot 69 72 total	40 bbls 30 cooperage below	25 bbs 15 compound below	20 bbls 10 ½ bbs Indian Meal

The reckoning in this book is kept by Ships Log. Latt & Long by Observation, Chs alone excepted

Arthur Browne

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS

Friday 15th day of June 1860

At 5h 45m Steam Tug "O M Pelit" towed us out into the stream off Governors Island - and anchrd there, waiting for crew and passengers - -

5 able & ordinary seamen and four boys onboard - Mate & second mate ship in charge of a watch man - sounded the pump and found 17 inches water in the well - ships draft of water 18 feet 10 inches aft, 18 feet forward opened a bbl of Beef - Pork & Bread latter 82 lbs —

Saturday June 16th

5 A M - roused all hands out and started washing decks -

10 A M tug "O. M. Pelit" came down with our passengers and 4 more able seamen - hove up and proceeded down the bay -

Passengers — Messrs Potts & Spencer —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS

Sunday 17th day of June 1860

Sea Journal commences 3 P M of Saturday afternoon civil time, and Sunday the 17th astronomical time -

4	5		E by S	3 P M the		Light Ships bore S W ½ W 6 miles
5	5			N N E		from which I take my departure
6	2					5 P M steamboat cast off - made
7	0			to		all sail - stowed anchors on
8	2		E.S.E.	N.E.	7 P M broached	the rail and set the watches
9	0			Baffling	after water tank on port side -	8 P M Highland Lights bore S W by W
10	1		S E			and Fire Island light N E ½ E.
11	1					First watch wind light and
12	2		S E by S	N E		baffling. midnight - Highland light
1	2	4	S.E.			bore W by S. and Fire Island
2	2	4		to		N. by E.
3	2	4	E.S.E.			
4	2	4				Morning watch thick fog at intervals.
5	3			E.N.E.		
6	3					Pumps carefully attended to —
7	5		S.E.			
8	6					
9	4					Mas light airs and warm weather, all sail set.
10	4					
11	4					
12	4		E.S.E.			Temps. Air 71° to 67° —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
04		32'			40:02'				

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday 18th day of June 1860
1	4		E.S.E.	N E		
2	4		S E by E	to		Comes in with light fine weather - many sails in sight - and one Steamship bound to the northward.
3	5					
4	6			N.N.E.		
5	5				1 day out	
6	5		E.S.E.			
7	4					
8	4					Light Breze and fine weather - heavy dew falling
9	4	4				
10	5		S E by E ½ E	N E by N		
11	5					2 to 8 A M lightening to S.E.
12	5					
1	5					
2	5		E.S.E.			Morning watch took the anchor in and stowed them on the forecastle
3	6					
4	6				a 64° w 63°	
5	7		E by S ½ S	E N E		
6	8		E S E	to		Stowed cables in the lockers
7	9					
8	9			N.E.		Watch putting on chafing gear
9	10					
10	10					Ends with stiff and increasing breze -
11	10	4	S E by E			
12	10	4			a 71° w 72°	

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 59° E	124'	66'	136'	38° 56'	38° 58' N	2° 16'	71° 05'	71° 15' W	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday 19th day of June 1860
1	9		S E ½ E	E N E		Fresh Breze and fine weather
2	9					
3	9					Watch employed putting on
4	9				2 days out	Chafing gear
5	9					Took in Mainsails -
6	9					
7	9					
8	9				a 71° w 76°	Midnight Turbulent sea on
9	8		S E by E			ship in Gulf stream Lat 80
10	7					
11	6		S E by E ½ E			
12	6				w 80°	Moderate breezes and some
1	6					swell on -
2	6					
3	5					Pump carefully attended to
4	4				a 71° w 79°	
5	5		E.S.E.	N E		
6	4					Ends Calm - and warm
7	4	4	E by S	to N.N.E.		weather -
8	4	4				
9	3					
10	2					
11	2					
12	1				a 82° w 80°	

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 89° E.	143'	1 16'	122'	37° 42' S	37° 46'			68° 18'	68° 20' W

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of 20th June 1860
1	1		East	SW		Light weather and cloudy -
2	2		Eby N			wind baffling about
3	4		East	NW		3 to 4 PM rainy from NW to SW
4	4				8 days out -	
5	2		E SE			7 PM moderate breze springing
6	2					up from Southward - cloudy
7	3		E ½ N	SW		
8	7				a 72° W 80°	
9	8					
10	9		East	South		Midnight good Southerly breze
11	9					and overcast sky -
12	10					
1	10	4				
2	10	4		"		
3	10					Set staysails at daylight -
4	10		}		a 70° W 76	several sails in sight -
5	10					
6	10					Rec stunsail gear -
7	10					
8	10			"		Ends stiff breze and thick
9	11					weather to the NW coming up
10	11		}			took in staysails - -
11	11					
12	10				a 72° W 76°	
	185					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 84° E	176'	2'	175'	37° 4' N	37° 6' N		2° 20'	64° 40' W	65° 00' W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of 21st June 1860
1	10		East	South		Comes in with strong breze
2	10			SW		and squalls from SSW
3	10			SSW		
4	10				9 days out	4 PM considerable rain took
5	10					in Royals - Bunt Flying
6	10					Jib and bent Main sail
7	10					
8	10				a 69° W 78°	First watch ceased raining
9	9					and cleared up a little from
10	9			SW		same quarter & lighter
11	8					
12	8	114		W. SW		Latter Part moderate set all
1	9					light sails -
2	9		Eby S.			Daylight - stunsails
3	9					saw a ship bound to the N.E.
4	9				a 72° W 78°	
5	8					Ends fine weather and cloudy
6	8					ship rolling some -
7	8					crew variously employed
8	8					
9	7					
10	7					
11	7					
12	7				a 74° W 76°	
	210		757			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 84° E	210	17'	208	37° 33' N	37° 55' N		2° 61	60° 39' W	60° 51' W

Journal from New York towards Hongkong China

Friday day of June 22nd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		E by S	N NW to SSW		Cloudy weather and moderate breeze with uneasy sea on
2	7					
3	7					
4	7				sdap out	W. A Pendleton (AB) sick —
5	7					6 PM spoke ship "Gleaner" of
6	7					Newburyport bound NE —
7	10		East			7. Heavy rain squalls from SW
8	8		E by S		a 72° 40' W	with thunder and lightning
9	9					
10	9					Midnight fine weather set fore
11	8					and main topgallantsails
12	8					
1	6			Ssw to NW		
2	6					2 AM squally again took in
3	7		E S E.	variable		T. G. stunsails - wind baffling
4	8		E by S	SW —	a 72° 47' W	
5						
6	9					Set up Main T Gall Backstays
7	9					
8	9					Ends good breeze & SW sea
9	9		E S E			on ship tumbling about a
10	9					great deal
11	9					
12	9				a 76° W 72°	
	191					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 86° E	184'	13'	184	38° 08'	38° 16' South	15°	3° 33'	56° 87'	56° 52' W

Saturday day of June 23rd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		SE by E	S.W.		
2	7					Commences with fine weather
3	7					and good breeze - watch vari
4	8		"			usly employed
5	8					
6	9					
7	9					First part hazy weather and
8	9				a 72° W 72°	fine breeze, with smooth
9	10					water —
10	10					
11	11			W. S.W.		
12	11		"			Midnight Same —
1	10					
2	10					
3	10					Morning watch cloudy wind
4	10				a 71° W 70	hauling to the Northward
5	9			NW		trimming sail as required.
6	9					
7	8		"	NNW		
8	8			North		Ends light breeze fm N.E. brace
9	8					sharp up on Port tack —
10	8					
11	8			NE		
12	8		"		a 71° W 70°	
	212					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob. North	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 73° E	212'	61'	203'	37.16	37°27'		254'	52.38	53°20' W

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of June 24th 1860
1	8		SEbyE	NE		
2	8					Cloudy weather and moderate
3	9					NE winds —
4	9				7 days out	Pendleton towed us
5	9					Wind hauling to Eastward at
6	8					sundown might comeon with
7	8		SE½E	ENE		rain —
8	7		SE½S	East	a70°w70°	First watch heavy rain and
9	3					puffy, took in Royals & Skysail
10	2					
11	4		South			Mid watch took in F & Miz
12	4			Baffling		T.G. sails and T.Jib & Royals
1	6		SSE			Squally at times with
2	8	4				heavy rain —
3	10		SE			
4	9			ENE	a68°w70°	
5	9					Was rainy squally weather
6	9					making & taking in sail as
7	9		"			required —
8	9					
9	9					
10	9					
11	9		"			
12	9				a69°w70°	
	185					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88°E	189'	99'	161	35°48' South.			199	50°01'	W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of June 25 1860
1	7		SbyE	ESE		
2	7					Good Breeze and rainy
3	7					weather
4	7					
5	9		S.S.E.			
6	9					First part rain as usual
7	9			East		wind hauling more easterly
8	9				a69°w71°	
9	9					Mid part lgt rain and clear
10	9					overhead at intervals
11	10		SbyE			Set Skysail & Cross Jacks
12	10					
1	9					Morning watch unsquant
2	9					rain light and heavy —
3	9					
4	9				a72°w75°	Wind moderating set Royals
5	9					
6	9		SSE			
7	9					
8	9		SEbyS	ESE		Less light weather and
9	7			ENE		thick mist.
10	7					
11	5					
12	5		1543	5	a76°w76°	
	198					South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 55°E	176'	145'	101'	33°26'	33°37'	17°	122'	47°59	47.5-5'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of June 26th 1860
1	6		SE by E	E.N.E.		
2	6					Light winds and improving
3	6		E.S.E	Baffling		weather scud and mist-
4	5				9 degrees	clouds flying to SW.
5	5					
6	5					
7	6		SE by E½E			Night comes in with finer weather
8	6				a75°w77°	than we have had for several
9	4					days past-
10	4		SE by E			
11	4					
12	4					Mid Part calm-
1	3		S.E.			
2	2					6 PM light breeze springing
3	0					up from SE was this
4	0				a74°w77°	to Eastward
5	0					
6	2		SW	S.S.E.		
7	3		East-			Ends- rainy again
8	4					and smooth water -
9	5		E by S			
10	6			SE to		
11	5			South		
12	6		E.S.E.		a77°w77°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S83°E	98'	13'	98.	33°24	33°07 North		118'	45°57'.	46°33' W

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of June 27th 1860
1	3		E.S.E.	South		Light winds and overcast sky
2	2					watch vigorously employed
3	0					
4	2					See considerable sea raised at time
5	3					4 PM sun came out hot - weather
6	4					clearing off -
7	4		E by S			
8	4				a76°w76°	8½ 30' observed a large comet
9	2					bearing NW ½ W about 15° above
10	1					the horizon -
11	0			Calm		First Part bright moonlight -
12	0					and pleasant weather
1	0					
2	2		E by S½S South			
3	2			to		Latter Part wind shifting about
4	2			N.E. W.	a75°w76°	from South to North with calm
5	2		S.S.E.			intervals -
6	4					
7	4					Was very warm weather -
8	4					
9	4		SE by S			
10	3					
11	1					
12	1		East	SE to		
				S by E	a85°w76°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
		13'	47'		32°06'		5°5'	W	46°40'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thursday day of June 28 1860
1	0		Calm			
2	0					Commences Calm and warm weather light Airs springy
3	4		E by S	North		
4	3		East		11 degrees	up at 2 a.m
5	3					
6	3					8 P.M. comet in sight - very brilliant -
7	3		S.E.	E by E		37° S.E. from "Dubhe" (Pointers)
8	5				a 80° w 79°	and 124° 30' N by E ½ E from Regulus -
9	4					
10	4					First Part light airs from E by E
11	3					and fine clear weather
12	3			E by E		Bright Moonlight -
1	2					
2	0					Mid Watch calm -
3	0					
4	0				a 76° w 78°	
5	1					Daylight light breeze from
6	2		E by S	N.W.		N.W springing up
7	3					
8	4					
9	5					Ends light breeze and warm
10	5					weather - all Studsails set
11	5					alow & aloft -
12	4				a 85° w 80°	
	62					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D R	Lon. by Ob.
								North	West
S 80° E	63'	12'	63'	31° 53	31° 42'	16°	74	44° 26'	45° 15'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Friday day of June 29th 1860
1	6		E.S.E.	N.W		Comes in with fine warm
2	6					weather and hot sun.
3	6					Gave the deck a coat of wood
4	6					oil fore and aft -
5	4					
6	4					Comet very brilliant - found by Lahire
7	4					distance from Arcturus that it
8	4	"			a 77° w 79°	is travelling in a Southerly direction
9	3					
10	2			W.N.W		Bright Moonlight - throughout
11	2					
12	2					
1	2	"				
2	2					Daylight caught some bonito
3	2					
4	2					
5	3			W by S	a 76° w 79°	Found a bbl of Beef -
6	4	"				Ends warm weather and
7	5					moderate breeze all possible
8	5					sail set -
9	6					
10	6					
11	6					
12	6		185		N 85° w	North
	98					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D R	Lon. by Ob.
S 84° E	98'	12'	147'	31° 30'	31° 46'		157	42° 58	43 49

Journal from New York towards Hongkong

Saturday day of June 30 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6	4	S.E.	n NW		Moderate Brize and fine weather generally
2	6	4				
3	6	4				
4	6	4			13 days out	Saw the top of the after Down land color
5	6					
6	6					Watch variously employed
7	7	4			a 78° w 78°	Coast still in sight
8	7	4				
9	6					
10	6					
11	6					
12	6					Mid part lightning to the
1	6			NW.		
2	6					
3	5					
4	5				a 78° w 78°	Light breze and fine weather
5	5					
6	4		"			
7	4					
8	4					Broached Starboard after water tank contg 392 Gallons
9	5					
10	5					
11	5					
12	5		"		a w 82°	Ends warm Fresh

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 62° E	136	64'	120'	30° 42'	30° 51'		140	41° 29'	41° 43'

Sunday day of July 1st 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		S.E.	NW		Light winds & fine weather all popular Sail set
2	4					
3	4					Shifted Jib & Main topsails and bent oldones
4	4			w		
5	4					
6	4					Coast still in sight
7	4					
8	4			West	a 79° a 81°	
9	3					Midnight Bright moonlight and too fine weather
10	3					
11	3					
12	3					
1	4					
2	3			w SW		
3	3					
4	2				a 77° w 80°	Ends same
5	2					
6	2			NW		
7	2					
8	2					Daylight a bargue in sight ahead bound same way
9	2		SE by E			
10	2					
11	2					Pumps carefully attended to
12	2				a 85° w 82°	Fresh West
	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 64° E	142	62'	128'	29° 40'	29° 48'		152	41° 41'	42° 05'

Journal from New York towards Hongkong China

Monday day of July 2nd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		S.E by E.	Nwby W		Light Baffling winds —
2	2			to		
3	2			NWbyN		
4	2					Saw a Spoke Barque "Seamew"
5	2				1 days out	& from Salem bound to the
6	2					Coast of Africa
7	1					
8	1		S.E.		a79°w80°	
9	1					
10	1					
11	1					Throughout this
12	2					
1	2			NNW		24 hours light baffling
2	3					airs from all points
3	0					
4	2				77°w79°	of the Compass —
5	2					
6	2					
7	2			all round Compass		
8	2					
9	1					"Seamew" in sight to the
10	0					NW
11	0					
12	1				a84°w80°	South West
	36					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S66°E	36'	15'	33'	30°07	30°09	18°	38'	39°56	39°54'

Tuesday day of July 3rd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		N.E			
2	2		S.E.	Baffling		Commences with a repetition
3	2					of the last two or three days
4	2					weather
5	2					
6	2					
7	2			W.S.W.		
8	2				a79°w79°	Glorious Moonlight
9	2		S.S.E.			and Calm still weather
10	2					
11	1					
12	1					
1	1		N.E.			Mid watch ran squalls from
2	1			Baffling		NW —
3	1		S.E.	round		
4	1			Compass	a79°w79°	Ends warm calm weather
5	0					
6	0					
7	1		E.S.E.			
8	1					
9	2					Watch variously employed
10	2	4	SE½S	& SW		fitting new Entrance Hawse
11	2	4				
12	2	4			a84°w82°	South West
	96		2/38			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S63°E	85'	16'	31'	29 58	29°59		36'	39°18'	39°32'

Journal from New York towards Hongkong —

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of July 4th 1860
1	2		S.E.	S.S.W.		
2	2					84th Anniversary of the Inde-
3	2				17 days out	pendence of the United
4	2	4				States of America
5	2					
6	3					
7	4					
8	4				a 79° W 81'	First Part same light-
9	3		S.E. ½ S.	S.W. by S		calm weather with
10	3					
11	4					Passing Cumulus clouds
12	4					
1	3		S.E.	do		
2	3					
3	3		S.E. by E			
4	3				a 77° W 81°	
5	3		S.E. by S	S.S.W.		Watch variously employed
6	3					
7	3					
8	3					
9	2					Was nearly Dead
10	2					Calm
11	1					
12	1				a 87° W 82°	South West
	62					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in D. R.	Lon. by Ob.
S 59° E	65'	34'	55'	29° 25'	29° 29'		63	38° 29'	38° 30'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of July 5th 1860
1		4	S by E	Variable		
2		4		Veering		
3		4				Comes in with same but
4		4		Calm		calm weather. if it continues
5		4				so much longer must do something
6		4				desperate
7		4				
8		4			a 81° W 80°	
9	1					
10	1					
11	0	4				
12	0	4				
1	1		S.E.			Nearly Dead Calm all
2	1					
3	2		S.E. by S			
4	2				a 79° W 80°	this 24 hours —
5	1					
6	1					
7	1					
8	1					
9	1					
10	1		S.S.E.			
11	1	4				
12	1	4			a 87° W 82°	South West
	22					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in D. R.	Lon. by Ob.
S 47° E	21'	16'	15'	29° 13'	29° 15'		17	38° 13'	38° 18'

Journal from New York towards Hongkong China

Friday day of July 6th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	4	S by E.	West-		Light Westerly airs and
2	2					
3	2	4			19 a point	
4	2	4				warm weather
5	3					
6	3		"	NW		Set Starboard Lt Sails
7	3					Comet still in sight & quite
8	3			North	a 80° W 80	Brilliant
9	3					8 PM observed a remarkably
10	4					brilliant Meteor say about 20°
11	4		"			above the western horizon and
12	3			NNW		shoot across the sky to the Eastward disappearing
1	2	4		to		in a black cloud 10° above the eastern horizon
2	2	4		NNE		
3	2					Light airs throughout the
4	2		"	baffling	a 80 W 80	night
5	2					
6	2					
7	2					
8	3		"			2 Langurs & a brig sought
9	3					bound to the NE
10	3	4				
11	3	4	"			
12	3	4			a 84° W 83° South	West-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D R	Lon. by Ob.
S 28° E	66	58'	31'	28° 17'	28° 35'	15°	35'	37° 43'	37° 50

Saturday day of July 7th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		S by E	N NW		Light Northerly breezes
2	5					
3	5					
4	6					and fine weather
5	6					
6	6					
7	6					
8	6		"		a 80° W 80	Passing clouds and fine
9	6					weather
10	6			E N E		
11	5					
12	5					Mid Part passing showers
1	5					
2	5			N E		
3	5					
4	5		"		a 79° W 81°	
5	5					Ends fine weather wind cant.
6	4			E N E		to Eastward —
7	4					
8	4					
9	4					
10	4					
11	4					
12	4				a 85° W 82° North	West-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D R	Lon. by Ob.
S 28° E	118'	104'	56'	26° 5-1'	27° 10'	15°	62'	36° 48'	36° 47'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of July 8th 1860
1	4		S½E	ENE		
2	4			to		Light winds and fine weather
3	4			East	21 days out	all popible sail set
4	4					
5	5					Comet is ~~not~~ now in Constellation "Leo"
6	5					
7	5			E by S		First part wind Southerly both
8	6		"		a 82° W 80	in all stunsails and braced
9	6			to		sharp up -
10	6					
11	5			E SE		
12	5					Midnight Fine clear weather
1	5		"			and moderate breezes
2	5					
3	5					
4	4				a 79° W 80°	
5	5		"			Latter part bracing up
6	5					and cautious, both Watches
7	5					set flat Stunsails
8	6		"			
9	6			E by N		
10	6		S by E			
11	7					Long by Lunar 38° 57' West
12	7				a 83° W 82° South	West
	125					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 24° E	125'	115'	50'	25° 15'	25° 22'		56'	38° 51'	36° 03'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of July 9th 1860
1	6		S by E	E by S		
2	7					This day comes in with
3	7			to		moderate easterly breezes
4	7					and fine weather
5	7			E by N		saw a Brig bound to Eastn.
6	7					
7	8					
8	8				a 79° W 80° 10' S	passed a ship under
9	8		South			all sail standing in the
10	7	4	S by E			opposite direction
11	7	4				
12	7	4				
1	7	4	S½E			
2	7	4				
3	7	4				Latter Part increasing trades
4	7	4			a 79° W 79°	
5	8		S½E			
6	9					Put 450 Gallons water into each tank
7	10					for immediate use
8	10					
9	10					
10	10		S by E			Ends good breeze all sail
11	10					set
12	10				a 82° W 79° South	West
	192					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 20° E	192'	180'	65'	22° 27'	22° 41'	1 pt	68'	34° 55'	34° 50'

Journal from New York towards Hongkong China

Samuel Trupell — Ships Name & Master

Tuesday day of July 10th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10		SbyE	East		Strong Breze and fine
2	10					weather
3	10				2 days out	Crew variously employed
4	10					
5	10					
6	10					8 PM cloudy and Breezy up
7	10		"			took in Sb'y sails & Top Gallant
8	10				a 79° w 79°	Studdingsails
9	10					9 " Set foretopmast-studdingsail
10	10					took it in
11	10					
12	10					
1	10		"			
2	10					Throughout the night
3	10					good Breze and cousider
4	10				a 78° w 78°	able dew falling
5	10					
6	10					Opened a Bbl of Pork
7	10					
8	10					
9	10		S½E			
10	10					
11	10					
12	10				a 79° w 78°	
	240				South	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 22° E	240	223′	88′	18°58′	19°03′	11°	94′	33°16′	33°31′

Wednesday day of July 11th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		South	East		Good breze and rolling
2	9					sea on —
3	9					
4	9		SbyE			
5	9					
6	9					
7	9					First Part cloudy —
8	9				a 77° w 78°	
9	10					
10	10					
11	10					Mid Part passed a ship
12	10					standing to Southward
1	8					
2	6		South	Baffling		
3	6					
4	5		SbyW	E SE	a 77° w 77°	
5	5					
6	6		South			Set up Port main T. Gall-
7	6					Backstays —
8	7		S½E			
9	7					
10	7			E SE		Opened a Bbl of Beef
11	7					
12	7				82° w 78°	
	189		S 12° E		South	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 14° E	189′	182′	47′	16°01′	15°55′		80′	2°24′	2°33′

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of July 12 to 18 60
1	6		S ½ E	E by S		
2	6					This day commences with
3	6					light easterly winds and
4	6					hazy weather
5	6					Crew variously employed —
6	6					
7	8		S by E			Comet is now 7° W of Star
8	8				a 7½° W 7½°	"Regulus".
9	8			E S E		
10	7		S ½ E			
11	6		S by E			
12	6					First part fine weather
1	6					
2	7					
3	7			East		
4	7				a 7½° W 7½°	Latter Part dark cloud
5	7					arching papung over occasionally
6	7					with a few drops of rain —
7	7					
8	8		S. S. E.	E by N		
9	8			½ E		Crew Cloudy wind Southerly
10	8			E N E		to the Northward —
11	9					
12	9					
	16				North	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 27° E	169'	15·0	75·1'	15°25'	15°23'	15·0°	78°	31°15'	31°29'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of July 13 to 1860
1	9		S. S. E.	N E		
2	9					Fresh trades and fine
3	9					weather
4	9					
5	9					Saw a Barque standing
6	9					to N E
7	9					
8	9				a 7½° W 7½°	First part good breeze
9	9					
10	10					
11	10					
12	10					
1	7					Latter Part Moderating
2	7					
3	7					
4	8			North E	a 7½° W 8°0'	
5	8					Set up Part Main topmast backing
6	8					
7	7					Ends Moderate trades
8	7					and fine weather —
9	7		S by E			
10	7					
11	7					
12	7				a 8½° W 8½°	
	16				North	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 35° E	193'	15·9'	111'	10°44'	10°48'	1 1/4° W	112'	29°37'	29°53'

Journal from New York towards Hongkong China

Saturday day of July 14th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		South	South		
2	6			to		Squally to the northward
3	6		S by E	N N E		with moderate breeze
4	6					
5	6					Watch variously employed
6	6					
7	5		South			
8	6				a 79° w 79°	
9	5					First part wind gradually
10	5					getting lighter —
11	5					
12	5					
1	5 72			N N E		Moon rose at 1h 30' A M
2	4			to		
3	3			East		
4	2			baffling	a 77° w 79°	
5	2					Latter part warm and
6	2					calm —
7	1					
8	2					
9	2					Pumps regularly attended to
10	1					
11	1					
12	1				a 84° w 83°	North
	96					Wat

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in 4h	Lon. by Ob.
S 7° E	96'	92'	29'	9° 16'	9.36		30'	29° 23'	29° 48'

Sunday day of July 15th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0		Calm			
2	0					Light baffling airs and
3	1		S W.	S S E.		Calm —
4	1			Baffling		Capt went out in the boat
5	1					to exercise the boys pulling
6	2					
7	1					
8	1				a 77° w 80	Night comes in with dark
9	1		South	u S W		unpromising weather and
10	2		S by E			rain —
11	2					
12	1		S W			
1	1		u S W	South		During night light baffling winds
2	1		E. S E.	S W		from all points of the Compass
3	2		S E.	S S W		
4	1		E by S		a 77 w 80	caught considerable rain —
5	3			S W		
6	6		S E.	½ South		
7	6					Latter part strong breeze from
8	6					S W & sometimes squally —
9	6					took in light sails —
10	6		S E by E			
11	6					
12	5 62				a 78° w 80	South
						Wat

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in 4h	Lon. by Ob.
S 46° E	58	37'	38	8° 39'			38'	29° 10	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		S.S.E.	Light		Monday day of July 16 1860
2	6			SSW		
3	6		S.E.			This day commences with strong Ltr breezes and a heavy Southerly sea on —
4	5					
5	5					
6	5					4 PM exchanged Signals with English barque "Europe"
7	6		SE ½ E			
8	6				a 79 w 80	steering South
9	6					
10	5		SE by E ½ E	South		
11	5			Variable		Midnight tacked ship to Westward
12	6					
1	6		W ½ N			
2	6			SSW		
3	6					Latter Part wind getting lighter —
4	6				a 80 w 80	
5	5		W by S			
6	5					
7	5					Set Royals —
8	5					
9	5		W by S ½ S			
10	5					Was Pappy clouds & fine weather
11	6					
12	6				a 84° w 8 Z	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
S 87° E	S 6	5 5′	6′	8° 04′	8° 15′		6′	29° 4′	28° 46′

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		W by S ½ S	S by W		Tuesday day of July 17th 1860
2	5					
3	5					This day comes in with light southerly winds and
4	5			South		some sea do —
5	5		SW ½ W			
6	5					
7	4			SSE		
8	4				a 80° w 81°	First Part light — weather
9	5		SW			and bright starlight
10	7			do		
11	7					
12	7					
1	5		SW by W			
2	5			South		Latter part frequent lines
3	5					of cirrhi clouds stretching
4	5				a 80° w 80°	from weather to lee horizon
5	6		W. S W.			with light rain falling from them
6	7					
7	7					
8	7					
9	6		SW by S ½ W			Saw a barque bound
10	6					to the N.E.
11	6					
12	6				a 85° w 83°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D.R.	Lon. by Ob.
S 48° W	132′	88.	98	6° 47′	6° 30′		100	30° 26	30° 02′

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of July 18th 1860
1	7		u.d.w.	South		This day comes in with
2	7					same. moderate Southerly
3	7				3 d a point	wind and fine weather gener-
4	7					
5	7					
6	6					
7	6					First watch wind baffling
8	6				a 81° w 8 2°	tacked to Eastward & wore
9	5					back again.
10	5		East	Baffling		
11	5		u d w			
12	5					
1	5					
2	5		u by S			Latter Part brisk breeze freshening
3	5					
4	5				a 81° w 8 2°	
5	6					Noon tacked to Eastward
6	6					
7	7					
8	7					
9	8		u by S ½ S			
10	8					
11	8					
12	8				a 85° w 8 5°	South
	152					West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 61° W	147'	72'	128	5° 18'	5° 07'		130	82° 12'	81° 57'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of July 19th 1860
1	7		S by W	S by E		
2	7					Strong Southerly breeze but
3	7					we would be better off in a quiet
4	7					Calm -
5	9					Shifted lanyards of port main
6	9		S w by W ½ W			rigging end for end, & set the
7	7					rigging down 1¼ inch -
8	7				a 80° w 81'	Set up Port fore & main backstays
9	8					& P M tacked to Eastward
10	8			S by W		
11	8					
12	8					First part passing light
1	8		w by S ½ S			squalls
2	8					
3	8					
4	8		W. S. W.		a 80° w 81'	
5	8					Latter part squally
6	8		S w by W ½ W			
7	8					
8	8		W. S. W.			Set up Starboard main rigging
9	8					& shifted lanyards as before
10	8					
11	8					
12	8					
	188		428			South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 45° W	115	81'	82'	5° 46'	5° 48'		82	82° 59'	82° 27'

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of July 20 1860
1	7		W.S.W. South			
2	7					
3	7					This begins as many a previous one with a dull stupid head wind and our prospect of being backstapped is almost certain —
4	6					
5	6					
6	5					
7	5		SW ½ W	S S E		
8	5				a 80° W 80°	
9	5		SW			Set up Starboard Fore rigging & shifted Lanyard
10	5		SW ½ S			
11	5			E by S		
12	5					
1	6					
2	7					Mid-watch stormsqualls and wind hauling to Eastward.
3	6		S.S.W.	E S E		
4	6				a 79° W 81°	
5	5			to		
6	6					
7	8			S E ½ E		Same as same —
8	6					
9	6					
10	8					
11	8	4				
12	8	4			a 80 W 82° South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 28° W	136	122'	64'	1°46'	1°37	10°	64'	33°81'	33°44'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of July 21 1860
1	7		S by W ½ W	S E ½ E		
2	7					Stiff breeze and heavy head sea from the S E
3	7				34 days out	
4	8					
5	8					Sailmaker mended a new Foresail cut 320 yds No 1 Canvas Duck
6	8					
7	8		S by W			
8	8				a 79° W 82°	
9	8					Night comes on squally — took in N.T.S. & N.D. mast Topsails
10	8					
11	8		South & S.E.			
12	8					During night heavy squalls and cantity to Eastward took in Royals
1	8	4				
2	8	4				
3	8	4				
4	8	4			a 77° W 82°	
5	8	4	S S W	S E		Latter part wind hauling back again —
6	8	4		to		
7	8	4	S W by S			
8	8	4		S E by S		
9	9		S by W ½ W			
10	9					
11	9					
12	9				a 81° W 84° Eddett	
	188					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 20° E	186	18 S	8'	1.29 S	1°08'		8	33°82'	33°89'

Journal from New York towards Hongkong China

Sunday day of July 22nd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7	4	SSW	SE.		Moderate breeze and head sea on —
2	7	4				
3	7	4				
4	7	4				
5	7	4				4 PM shifted Main topsail to 2nd reef
6	7	4				
7	7	4				
8	7	4			a 7° W 8°	
9	8					
10	8					
11	8					Midnight — Moderate breeze and occasional squalls
12	8					
1	7	4	SbyW	SE by E		
2	7	4	South	SE		
3	7	4	SSW	SE by E		3 AM struck aback wind from South —
4	7	4	SW by S	South	a 7° 8°	4 AM tacked to Eastward
5	7		E.N.E.	NE		
6	7					
7	7					8 " " to Westward
8	7					
9	7		SW by S			11 " " to Eastward —
10	7					
11	7					Course steady —
12	7		E by N½N		a 5° W 8°	South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 9° W	108′	106.	18′	2°54′	2°49	6° —	18′	84°17′	85°07′

Monday day of July 23rd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E by N½N	SE		Latitude taken by Sirius
2	7					Hurrah for Manry
3	6		E N E	E 3 or 4		
4	6		SW by S½S	SE		
5	5		SW			
6	5			Baffling		
7	5		E. N. E.			All these 24 hours strong breeze and squally with many squalls —
8	4				a 8° W 8°	
9	6					
10	9					
11	9					
12	9					
1	6		SbyW½W			Midnight — tacked to SW
2	6					
3	6					
4	6				a 7° W 8°	
5	7		SSW.			
6	8					Ends same squally weather
7	8		SW by S			
8	7					
9	7		SSW			
10	7					
11	7					
12	17		4953		a 8° W 8° South	34°40 West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 25° E	64′	57′	27	3°46′	3°20′		27′	82°40	85°10′

Journal from New York towards Hong Kong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of July 24th 1860
1	6		S.S.W. S & by E			Comences with squally weather
2	6					a heavy head sea - bent Fore
3	6			&		topsail & Fore T Gall: sail bent
4	6			S & by S		& Close reefed Maintop sail & T Gib
5	6					
6	6					
7	6		S by E ½ E			
8	6				a 79° W 80	Fresh Part squally & unsteady
9	6					weather
10	7		N & by E			11 PM bent Maintopsail bent
11	7					another one -
12	7					
1	7		S by E ½ E			3 A M set T G Maintopsail
2	7					
3	7					7 " bent Maintop sail bent
4	7				a 79 W 80	another -
5	7		S.E by S			Ended fine weather some sea on
6	7					
7	7					
8	7					We are now in a strong
9	7		S.S.W.			NW current - and making
10	7					nothing on heading with all sail
11	7					breeze
12	7				a 80 W 81°	
	159				South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 23° E	59'	54	23'	4°14'	3°33'	6°	24'	34°46'	35°14

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of July 25th 1860
1	6		N E by E	S E by E		Moderate Breeze and fine
2	6					weather
3	6					4 PM Tacked to Southward
4	6					
5	6					
6	6		S.S.W.			
7	6					
8	6				a 79° W 79°	8 ½ to Eastward
9	5		E & E			
10	5					
11	5		N E by E			
12	5					
1	5	4	S ½ W			Moderate - to Southward
2	5	4		E & E		
3	5	4				
4	5	4		E by S	a 78° W 80	
5	5		South.			Daylight a barque ahead same
6	5					way 10 to Eastward
7	6		S ½ E			11 to Southward
8	6					
9	5			Baffling		
10	5					
11	4		East			Strong tides ups & noon "Portuguese
12	4		S.S.W.		a 78°	Men of war" drifted together in heaps
	139				South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 43° E	62'	45'	42'	4°18'			43	34°31'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of July 26 1860
1	7		E. S. E.	South		
2	7					This day comes in with
3	6					considerable rain & hard
4	6					squalls from South —
5	8					Furled the Royals —
6	8					7 PM took all and staysail
7	8		E ½ S			& F & Mizzen sails
8	8				a 79° W 80	
9	6		E by N			First part cleared off fine
10	6					with strong breeze
11	6					Mizzen Masted ship
12	5					
1	6		S E ½ S			Set Topgallantsails
2	7					
3	7					
4	7				a 79 W 82°	Secured Flying Jib Martingale
5	7		S E by S			stay which parted last evening
6	8					and was temporarily secured
7	8					
8	8					10 h 45' made the main land
9	8		S E by E			ahead low, & a sandy beach
10	8					
11	8					11' 40 tacked off shore —
12	8		East ½ hour		a 79 W 80	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in. West	Lon. by Ob.
S 26° E	82'	74'	35'		4° 58'		36'		34° 58

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of July 27 1860
1	8		E ½ N	S. S. E.		
2	8					Strong Breeze and tapping
3	8					squalls with heavy head sea
4	8					on —
5	7		E by N			
6	7					Pumps regularly attended
7	7					to
8	7				a 79° W 80	
9	7		S. S. W.			
10	7					Midnight — split Maintopsail
11	7					& Fore topgallantsail bent
12	7					others
1	6					
2	6					
3	6					Morning watch generally as
4	6		S W by S		a 80 W 80°	usual —
5	6					
6	6					11 A M made the Land round
7	6					Cape St Roque
8	6					
9	6		S W			
10	5					Noon stood off shore
11	6					
12	6				a 81° W 81	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in. West	Lon. by Ob.
S 15° E	76	73'	19	6° 11'	5° 32'	9°	20'	34° 38'	34° 49'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of July 28 18 60
1	7		E ½ S	S by E		Moderate breezes and hazy
2	7			to		
3	7			S S E	41 days out	sea and Land of Cape St-
4	7					Roque in sight -
5	7					
6	7					7 80 bound Main T. F. sail bent-
7	7		East			new ans - We have during the
8	7				a 86 w 81	last 4 days bent all three
9	7					topsails & Topgallantsails and
10	7		S.W by S			Jib. none of them been new
11	7					we lay it all to the Bermudas
12	7					sea that has been running & not
1	8		S.S.W	S E		much wind either topgallantsails
2	9		S by W ½ W			being set most of the time - and
3	9			to		steady current about W.N.W.
4	7			S S E	80° w 82°	
5	6					Passing squalls. Lacting ships
6	6		S S W			on every Hand in our pass
7	5		East			
8	5			S S W		Daylight made the land
9	5			to		Moon a ship in sight beating
10	5		S W	S E		round -
11	5		East	Baffling		
12	5		S by W ½ W		a 82° w 80°	Eggs moderating Wet
					South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 46° E	87'	60'	62	6° 82'	6° 10'	9°	62'	38° 47'	34° 38'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of July 29th 78 60
1	7		S S W.	S E.		
2	7			to	37 6/8 / 2 2 2	Comes in with moderate trades
3	7					ship about 12 miles off shore standing
4	7			E S E.		down the coast
5	7		S by W ½ W			
6	7					8 P M stood off shore -
7	7					
8	7				a 81° w 80	
9	7		N E ½ E			Bright moonlight and fine
10	7					weather
11	7	6				
12	6					Midnight stood inshore -
1	7		S.S.W.			
2	7					Daylight close into the land
3	7					
4	7				a 81 w 80°	a large Frigate and two other sail
5	6					in sight
6	6		S W by S			9 A M sounded in 7 fms water &
7	6					stood off shore -
8	6					
9	6					Signaled the barque "Liaoun" from
10	6		N E by E	N E by E		Liverpool to Bahia 5 ½ days
11	6		S W by S	N E by E		out
12	6		N E by E	S W by S	a 82 w 80	Moon tacked off shore -
	154				South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 9° W	83'	83'	12'	7° 35'	6° 58'	9°	13'	34° 46'	34° 36

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of July 30 1860
1	4		E 1/4 S	South		This days comes in fine ship
2	4			to		heating down the coast about
3	3			SE		of Pahahyba and about 10 mils
4	3					off shore —
5	4					
6	4					
7	4		E by N			First part light wind and smoot
8	5				a 80° W 82°	water bright Moonlight
9	5		NE by E			
10	4					
11	3					Midnight stood inshore and
12	3					canting easterly
1	3		S by W 1/2 W	SE.		
2	4					
3	4					Daylight fine weather no
4	5				a 80° W 82°	Land in sight —
5	5					
6	7			E S E.		
7	5					Shifted Starboard Jog ropeyarns
8	5			to		Lanyards & set up on the riggin
9	5		S 3/4 E			
10	6			East 8		End fine "Giovani" hull down
11	6					to Eward
12	6				a 83° W 81°	South — West —
	107					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 78° E	42'	10	43	7°08'	7°17'	9°	48	33°58'	33°52

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of July 31 1860
1	2		S by E	E by S		
2	4			to		Light Breezes and fine weather
3	4			E S E	44 days	set up Port Jeg riggins & backstays
4	2					
5	4					Saw a Hamburgh barque bound same
6	4					way
7	4		South			
8	4				a 82° W 81	Pumps regularly attended too
9	3		S 1/2 E			
10	3					
11	3					Midnight fine pleasant weather
12	3					and Bright moonlight —
1	3		South			wind rather baffling
2	3					
3	3					Daylight — saw a low low barque
4	3				a 82 W 81	Hauth a vast cloud of sail set Hauld
5	3		S 1/2 E			about West. perhaps a "Blackbirder"
6	3					
7	4			E S E		
8	4					Set up Bowsprit shrouds & Port
9	5		S by W 1/2 W			Fore rigging
10	5					
11	5			S E		Rec fine wind carling to South
12	5				a 83° W 81°	South West
	93					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 12° E	55'	53'	17	8°40'	8° 30'	12°	17	33.55	33°52

Journal from New York towards Hongkong China

Wednesday day of Aug 1st 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		SWbyS			
2	4			SEbyE		Light breze and fine weather
3	6		SWbyW	SEbyS		
4	6					4 PM shifted Main topsail bent old one
5	6			SSE		
6	6					Saw a ship homeward bound
7	6					
8	6				a 81° W 79°	
9	6					10 PM saw a brig bound to NE
10	7		SW.			
11	7					
12	7					8h 30' saw a bague bound ditto
1	7					
2	7					
3	7		S.S.W			
4	7				a 80 W 80	Ends wind pushing
5	7		SbyW½W	SE		and pushing to Eastward
6	7					
7	7					
8	7					Snow Brig in sight bound
9	8		S½W	ESE		same way
10	8					
11	9					
12	9				a 81° W 80° South	
	161					Wet

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 21° W	151'	140'	54'	10° 41'	10° 44'	10°	54'	34° 46'	34° 57'

Thursday day of Aug 2nd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1			SbyW			
2	7					Moderate trades and fine
3	7				46 days out	weather a ship in
4	7					double topsails yards across
5	7					Towards and before same
6	7					way
7	7					
8	7				a 80 W 79	6 PM brewing up took in
9	8					Skysails, Do Royal Stay
10	9		SbyW			sail
11	10					
12	10					Beautifull Moonlight
1	9					
2	9		SbyW½W			
3	9					
4	9				a 79° W 79	
5	9					Pumps carefully attended
6	9					to
7	9					
8	9					
9	8					Ends fine weather generally
10	8					
11	8					
12	8				a 80 W 79° South	
	197					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 1° 30' W	197'	196	6'	14° 00'	14° 05'		6'	35° 04'	35° 21'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		S½W	E SE		Friday day of Aug 3rd 1860
2	8					
3	8			East	47	This day comes in with fine
4	8					weather generally -
5	8					At PM shifted Main T.G. sail & bent
6	8					old one - set up weather backstays
7	8					
8	8				a78 w79	
9	8					
10	7		SbyE			
11	8					
12	9					Midnight occasional light
1	9					squalls and pleasant
2	9					weather
3	9					
4	8			East	a77 w78	
5	6					
6	7			E.N.E		Set Skysails —
7	8					
8	9					Went on Allowance of Water
9	8		SbyE½E			29 Gallons a day —
10	8					Rec'd Supplies on horizon —
11	8					
12	8				a78°w78°	
	193					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S12°E	190	187'	38	17°12'	16°55'		38.	94°43'	96°14'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		S.S.E.	East		Saturday day of Aug 4th 1860
2	9					
3	9			E by N		We have used since leaving New York
4	9					1350 Gallons Cistern water and 1400
5	9					of rain water caught on board making
6	8					2750 total in 48 days - a little over
7	8		SbyE½E			57 Gallons a day and only 29 souls aboard
8	9				a76 w78	crew having had full allowance all the while - and are now on
9	9		SSE			allowance -
10	9					
11	9					Bright Moonlight - & fine
12	9					weather.
1	8					
2	8					
3	8					
4	8				a75°w77	
5	7					Daylight a barque in sight -
6	7					standing South.
7	7					
8	7			E by E		
9	6			40		
10	6					End cloudy wind Scanting to
11	6		SSE	N.E.		the Southward
12	7		SSE		a76°w77	South
	191					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S21°E	190'	164'	98'	16°39'	20°00'	9°	103	33°31'	33°39'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Aug 5th 1860
1	8		S.S.E.	N E		
2	8					This day comes in with ~~—~~
3	8					favorable weather generally
4	8					and Raping cumulus
5	8	4				clouds —
6	8	4				
7	8	4				Set Topsmast Stunsails
8	8	4		ayers	a75-w76	
9	9	4				
10	7	4				Raping squalls
11	7	4				
12	7	4				
1	9	4				
2	9	4				
3	8	4				
4	8	4			a78°w76°	Morning watch at Port
5	8	4		N N E		Lower & Top Gallantstunsail,
6	8	4				
7	7	4				Mauch — Ordinary
8	7	4				
9	7	4				Laid up —
10	7	4				
11	7	4				
12	7	4			a79°w76° South	Wat —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 81° E	190'	168	98	22°48'	22°54'	9°	105	31°54'	31°57'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Aug 6th 1860
1	7		S S E	N N E		
2	7					Pleasant N N E Brises
3	7				30 days out	and delightfull Weather
4	7					
5	7					
6	7					First Part Raping clouds
7	7					
8	7				a76°w76	Moon rose at 9 0 P.M. —
9	6					
10	6					
11	6					
12	6					Midnight wind hauling Sunday
1	6					squared yards —
2	6		South			
3	7					
4	7				a79°w75°	
5	6					
6	6					Exam Light braces all
7	6					possible sail set —
8	6					
9	6					
10	6					Pump regularly attended too
11	6		N by W			
12	6				a79°w74° South	West —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 34° E	155	128'	86'	25°02'	25°02'	11°	93'	30°24'	30°33'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Aug 7th 1860
1	5		SE by S	N NW		
2	5					Light N N W winds.
3	5					
4	5					Set up Main backstays
5	4					
6	4					Set Starboard Stunsails
7	4					
8	4			NW	a 70° to 71°	
9	6					Midnight - struck clocks
10	7					in spoke from South -
11	7					took in all Stunsails Royals
12	8			SSE.		& Skysails Lowerstunsail
1	7		E by S	to		yard only spar carried away -
2	7			South		
3	7					Mid part - rainy & occasional
4	7				a 68° to 71°	squalls -
5	6		E ½ S			
6	6					
7	6					Daylight - a sail in sight
8	6					on Starboard beam -
9	6		E by N ½ N	SSE		
10	6			to		
11	6					
12	6			SE	a 71° to 72° South -	
	140					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in by D. R.	Lon. by Ob.
S 75° E	124'	31'	118'	25° 34'	25° 35'	11°	131	28° 22'	28° 13'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Aug 8th 1860
1	6		E by E	SE		
2	6					Light SE winds and fine
3	6					weather
4	6					
5	5					Crew variously employed
6	5					6 PM tacked ship to Southward
7	5		S.W.	SSE		
8	5					2 sails in sight at dark
9	5				a 69° to 72°	
10	5		S.S.W.	SE		
11	5					Light winds throughout the night
12	5					
1	8					
2	8					
3	8					Daylight three sails in sight - one
4	8				a 68 to 72	the Eng ship "Wave of Life" from London
5	8	4	S by W			bound to Sydney 86 days out - another
6	8	4		ESE		Eng barque "Royal Charlie" from Southampton
7	8	4				to Capetown 58 days out -
8	8	4				Boarded the latter — and got
9	8	4	SSE	E by S		½ day shots Sandheads —
10	8	4				
11	8	4				
12	8	4	7421		a 71° to 72° South	
	8 24° 8 104		51'	47'	20	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in by D. R.	Lon. by Ob.
S 75° E	124'	118	31	26° 22'	26° 28'	11°	22'	27° 51'	27° 5-5-

Journal from New York towards Hong Kong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Aug 9th 1860
1	3	4	S.S.E.	N E		
2	3	4				
3	3	4			55 dayport	Light winds and hazy southerly swell on
4	3	4				
5	4			Unsteady		
6	4					
7	5					
8	6		SE by S		70 to 71	
9	5					Towards night-brought up and hauling to westward
10	6					
11	6					Midwatch hint Topgallant sail in
12	7					1 M. Skysail —
1	8					2 A.M. Jibed ship set Starboard Studsails.
2	9	4				
3	9	4	S.S.E.	New		
4	9	4			a 69° 71	
5	9	4				
6	9	4		N by New		Morning watch Studs. booms 1 N. by W. ship rolling heavily
7	10					
8	10					
9	10					All Hands mending studsails one is now recommended than another bunts —
10	10					
11	10					
12	10				a 74 to 73 South	West —
	175					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 87° E	175'	138'	108'	28°46'	28°49	11°	116'	25°59'	26°08

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Aug 10th 1860
1	10		SE by S	Unsteady		
2	10			to		Cloudy weather stiff breeze and some sea on
3	10					
4	10			NW by W		
5	10					
6	10					Just past bringing up Unsteady SW with very sharp Lightning both in light sails —
7	10					
8	10				a 70° to 71	
9	11					
10	11					Midnight — very threatening to Westward with wind Lightning both on T by T — & sails
11	11					
12	11					
1	10					
2	10					
3	9					Daylight moderated made all sail again
4	8				a 68° to 70	
5	7					Man of Life in sight yet —
6	7					
7	8					
8	10					
9	10					Ends with change of wind to SW and rain —
10	10					
11	9					
12	8				a 62° South	West —
	230					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 45° E	230'	162'	162'	31° 32'		11°	186'	22°57'	

Journal from New York towards Hongkong China

Saturday day of Aug. 11th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		SSbyE	SSW		
2	5			to		This day comes in with heavy
3	5			West-		rolling sea little wind and
4	5			baffling		light rain - bent new main
5	5					topsail & bent Roy Royal -
6	5			WNW		
7	5		SE.			
8	5				a 62° W 64°	
9	5					
10	5					During the night - made
11	4			NW by W		sail on each tack as wind
12	4					hauled -
1	4			to		
2	4			NW by N		
3	4					
4	5				a 64° W 64	"Ways of Life" still in
5	5					sight - sometimes one ahead
6	5					sometimes the other. -
7	5			N by W		
8	6					
9	7					
10	7					Log run round carding
11	7					to Northward
12	7				a 64° W 64°	
	124					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
		73'	99'		32° 23'		120		21° 07'

Sunday day of Aug 12 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		SE	N by W		
2	7					This day comes in with a heavy
3	7			to		sea on ships wallowing at a
4	7					terrible rate yards across in
5	6			WNW		the water. & consequently run
6	6					speed at least two miles an
7	6					hour -
8	6				a 62° W 63°	
9	5					8 P M set Harbour Lanyard wind
10	5					baffling from N by W to W by N
11	6					
12	6					Light watch sharp lightening to
1	6					SW, no banks —
2	5					
3	6					Drowned daylight - wind hauled to
4	7				a 59° W 63	Southward & squalls - /
5	6					Mizzen Royal yard carried away
6	6		ESE.			in the slings & sent it down
7	6		East			
8	6					Ends with heavy squall - "Ways of
9	6		E ½ N			Life" abeam of us -
10	5					
11	5					West
12	5				a. 69° 63° South	33° 10' 19° 85'
	143		81			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 68° E	136'	51'	126'	33° 14'	33° 10'	10°	147'	1840	18° 85'

Journal from New York towards Hongkong China

Sunday day of Aug 13th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		East	S.S.E.		
2	6			to		Moderate breeze and southerly
3	5		E by S ½ S	South & S by W		swell on
4	7					
5	8					First part bringing up from
6	9					South & squally — took in
7	9					Royals & T.G. staysails —
8	9				a 61° w 64°	
9	8					
10	8					Midnight — Tuned Topgallants'ls
11	9		S S E	Baffling		
12	9		S E ½ E			Mid-watch moderated down
1	8					again. Made sail at
2	8					4 A.M. bent new Jib top
3	8					Gallantsail the other being
4	7				a 60° w 64	split —
5	6		E by S			
6	6		E by N	Baffling		
7	5		E by E	S by E		James Scott sick (Ord)
8	4			E by N		
9	3		S.S.W.	E S E		
10	2					
11	0					Ends nearly calm ship tumbling
12	1		E.S.E.	S.S.W.	a 66° w 66°	about & wallowing in the trough of
						the sea —

South — West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 78° E	132′	27′	132′	33° 37′	33.02	11°	158′	16° 17′	16° 19′

Tuesday day of Aug 14th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		E.S.E.	South		
2	2					Light airs and smooth sea on ship slatting her sails
3	2					very heavily
4	2					
5	2					
6	3			to		
7	2		E by S			
8	2				a 62° w 63°	First watch bringing up SSW
9	5		S E ½ S	S S W		
10	6					
11	9			and		
12	10		S E by S			2 P.M. furled Royals —
1	9	4		Baffling		
2	9	1				
3	9	4				
4	9	4			a 59° w 66	
5	9					
6	10		S E.			Ends thick Drizzly Rainy cloudy
7	10		S E by S			and occasional rain squalls —
8	9		S. E.	S W.		
9	9			to		
10	8			S W by S		Pumps carefully attended to
11	8					
12	8				a 60 w 61°	

South — West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 65° E	145′	62′	132′	34° 08′	34 00	22°	159′	13° 40′	13° 34′

Journal from New York towards Hongkong China

Wednesday day of Aug 15th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		S.E.	Le by S		
2	7					Light rain and disagreable weather
3	7				59 dayout	with small regular swell from East-
4	7					
5	7					Sent Royals, Main Staysails
6	7			West-		First Part wind carrying to
7	7			Baffling		Westward overcast sky -
8	7				a 58° W 60	
9	7					
10	6					
11	5					Midwatch set both Topsl Topmast
12	4					stunsails, wind dead aft -
1	4			W. NW.		
2	4			to		
3	5			N. NW.		
4	5				a 56 W 60	Morning watch set everything
5	5					allow'd aloft -
6	5			South		
7	5					
8	5					2 sails in sight - one of them
9	7			N N E		the "Wave of life"
10	7					
11	8					
12	8					
	146				South	West-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 68° E	147'	57'	136	34°87	35°00	22°	165	10°48'	11° 15'

Thursday day of Aug 16th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		S E	N N E		
2	8			to		Moderate breeze and fair
3	8			North	60 dayout	weather
4	8					
5	8		|		Watch variously employed
6	8					
7	9		|		First watch bracing up and
8	9		|	a 58 W 58	looking duly to Engineer
9	10		|		took in Staysails Lower &
10	11		|		Topsl Royals & stunsails —
11	11					
12	11					
1	11					
2	11					Latter part fine all royals & stunsails
3	11					Daylight passed 2 ships bound
4	11				a 58° W 58	same way. Light rain and
5	11					thick weather
6	11					
7	10					Fresh strong breeze and
8	10					some sea on —
9	10					
10	10					
11	11					
12	11				a 60 W 58	
	238		87 80		South	West-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 68° E	238'	91'	219	36°31'	36°42'		268'	6°47'	6°42'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Friday day of Aug 17 1860
1	11		SEbS 6	N N E.		
2	11					Stiff Breze and raining with some sea on
3	11					
4	11					
5	11					Fresh Part moderating at 8 Royal 1 D.R. sta. sail
6	11			North		
7	11					
8	11				a S8 W56	
9	11			N N W		Mid watch set Part Tawlop mast stunsail
10	11					
11	10					
12	5					
1	5			NW		4 P M wind hauling to Westward Part
2	6					
3	5					
4	5			WNW	a S5 W54	Morning watch bracing up & wind hauling to South took in
5	6		E S E			D.R. sails
6	7			SW		8 A M double reefed topsails
7	7					
8	6			South		
9	5		E by S			Sent D.R. & Tawlopmast stays'l
10	5			South		
11	5					Ends with a gale blowing fm.
12	5				a S1° W58°	South and raining
	192				South	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in D.R.	Lon. by Ob.
S 82° E	192'	26	190'	37° 08'	Same		284'	2° 48'	Same

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of Aug 18th 1860
1	5		East	SSE		
2	5					Moderate Southerly Gale and rain —
3	5					
4	5					
5	5					Sent new Tow topmast stays'l
6	5					
7	5					
8	5				a S3° W54	First Part moderating
9	6					
10	6					John Taylor laid up with
11	6					felon on his finger —
12	6		E by S			
1	5					Morning watch out all reefs
2	5		East			and Set Main T.G. sail —
3	5					
4	5				a S5° W55	
5	4					
6	4					Set Fore & Maj T.G. sails
7	5		E by S			
8	5					
9	5		E by S 1/4 S			Sent Fore Jib —
10	5					
11	5					Days cloudy —
12	5					
					a S8° W59° South	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in D.R.	Lon. by Ob.
S 64° E	121'	52'	109'	36° 36'			136'	00 52'	

Journal from New York towards Hongkong

Sunday day of Aug 19th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E by N	South		
2	6			to		Light southerly winds and
3	6			S.S.E	6 3/4 days	cloudy
4	6				out	
5	6					tacked to Southward.
6	6					First watch spoke - took in
7	5-	4	E by E			lofty gallantsails.
8	5-	4	S by W		a 58° W 59°	
9	5-					Midnight - wore ship to
10	4		S W			Eastward
11	4					
12	4			Baffling		
1	4	4	E by N			
2	4	4				
3	4	4				Latter Part same cloudy
4	4	4			a 56° W 59°	
5	5-					weather & southerly wind
6	5-					
7	5-			South		
8	5-			to		63 1/2 days run N to
9	5-		E N E	E S E		Meridian of Greenwich -
10	5-		N E by E	variable		"Last run" (?)
11	5-		S W by S			
12	5-				a 55° W 59°	South East

122

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 71° E	76'	24'	72'	86° 12'		2 hrs 8 1/2'	00 55'		

Monday day of Aug 20th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5-		E by S	S E by S		
2	5-					Cloudy weather and
3	5-					light breezes -
4	5-					Wind dead ahead light
5	5-					sails furled -
6	5-					
7	6		E 1/2 S.	S S E		
8	6				a 58° W 59°	
9	6		East			
10	7					
11	7		E by N			
12	6					Same throughout the
1	6					night.
2	6					
3	5-					
4	4				a 58° W 59°	Crowded a few Guy Royal
5	4					yard -
6	5-					
7	6		East			
8	6					Set Royals - Saw Races about
9	7		E by S.	S by E		No Observations for four
10	7					days now -
11	7					
12	7				a 58° W 58°	A Sail a head East

South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 61° E	136'	59'	123'	85° 13'	same	2 hrs	148	3° 23'	same

Journal from New York towards Hongkong

Tuesday day of Aug 21st 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E S E	S S E		"Id Dies natus eram"
2	6			b		
3	6					
4	6					
5	6			S S E		
6	6					Cloudy weather wind
7	6					standing westerly
8	6			Variable	a S7°W58°	
9	6			at		
10	6			times		
11	6					
12	6					
1	7					
2	7					
3	7					All these 24 hours light
4	7				a S5°W60°	southerly winds & cloudy
5	6					
6	6		E by S			Taylor sick —
7	6					
8	6					No Observations
9	5					
10	5					6th day
11	5					
12	5				a S4°W60°	
	152				South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
R 87°E	154'	7'	151.	35°06'	None		185'	6 28°	None

Wednesday day of Aug 22nd 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		E by S	S. S E.		
2	6			b		
3	6				66 days out	
4	6			South		
5	6					
6	6					
7	6					
8	6				a S6°W61°	
9	6		E ½ S			
10	6					
11	6					All these 24 hours same
12	6					
1	5		East			miserable southerly wind
2	5					
3	4					and sky thickly clouded
4	3				a S6°W62°	over —
5	4		E by S			
6	4					
7	4					
8	4					No Observations
9	4					
10	4					
11	4					
12	4				a S9°W62°	
	121				South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
R 76°E	121'	29'	117'	34°37'	None		143	8°51'	None

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Aug 23rd 1860
1	4	4	E.S.E.	S S E		
2	4	4		to		Cloudy as usual
3	4	4		S S W		
4	4	4		baffling		5 PM cleared off fine first time we have seen the sky for a week
5	4					
6	4					
7	5		E by S			8 PM cloudy as ever again
8	5			a	a 60° to 61°	
9	5					
10	5					
11	5		E by S ½ S			
12	5					Light breezes throughout
1	5					
2	5					
3	6					
4	6				a 60° to 61°	
5	3		E by S			
6	3					Strong watch light — breezes E by S
7	2			~~S S E~~		
8	2			E by E		
9	3		South	S E		
10	3					Ends neat calm southerly main
11	8					
12	8				a 61° to 62°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° E	90′	10′	90′	34° 27′	32° 46′	2 7/8°	107′	10° 58′	11° 07′

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Aug 24th 1860
1	8		South	S E		
2	8			E by E		Clouds flying from Southward and the sun —
3	8					Light airs and fine weather
4	8					
5	~~9~~ 8					
6	~~9~~ 8					First Part — cleared off fine
7	2					
8	2				a 60° to 62°	
9	1					
10	1					
11	1					Midnight cloudy — smart from Southward —
12	1					
1	1					
2	2					
3	1					
4	1				a 57° to 58°	Ends light breezes from S by E
5	2					
6	2					
7	2	4		S S E		
8	2	4				
9	3					
10	3					Pump carefully attended too
11	3	4				
12	3	4			a 64° to 62°	E

9779

828° E 52 Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 28° E	52′	45′	25′	33° 11′	33° 31′	2 1/2°	30′	11° 37′	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday day of Aug 25th 1860
1	9		South	North		
2	9			Var		Light airs and cloudy
3	9			N.E.	6 9 da pout	
4	8					
5	2					
6	0					
7	0					
8	0				a 59° w 62°	
9	0					Calm
10	0					
11	0					
12	0					
1	0					
2	0					
3	2			N by W		
4	2				a 59 w 61°	2 AM light airs from
5	2					NW.
6	3					
7	4					Painted Boats on the bow
8	4					
9	4			NW		Breezes up slowly.
10	4					Ends remarkably fine weather
11	5					
12	6			NNW		East
					South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in. DR	Lon. by Ob.
S 28° E	52'	46'	24'	34° 17	33° 53	2 ½	30'	12° 07	11° 37

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Aug 26th 1860
1	4		South	Var to NW		
2	4					Comes in with fine weather
3	4				7 0 da pout	generally - set topgallant
4	4					lofmast, Lower Stunsail
5	4					Starboard side
6	4					
7	4					
8	4				a 60° w 60	Fresh fair moonlight
9	3					
10	3					
11	3					
12	3					
1	4					Pleasant moonlight
2	4			NW		
3	4					Midnight spoke the yacht
4	4				a 60 w 60	
5	5					
6	5			NW by W		
7	6					
8	6					Morning watch set Port stunsails
9	6					
10	6					
11	6					
12	6				a 64 w 61 South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in. DR	Lon. by Ob.
S 28° E	106'	93'	50	35° 26	35 17	2 ½	60'	12° 37	12° 40

Journal from New York towards Hongkong

Monday day of Aug 27th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Sout	N Nw		
2	9		by E			Comes in with fine weather
3	6	4				and moderate breeze from
4	6	4				Northward
5	6					Signals by barque "Trent" from Londn
6	6					bound to Colombo 75 days out
7	7					
8	7				a 61 to 62°	First Part cloudy & moderate
9	7					all sail set
10	7					
11	7			Nw		8 A M wind hauled suddenly to
12	7					NW took in all studsails
1	7					royals & skysails
2	7					blew away one topmast-studsail
3	8		South			Begins up with reefs
4	9		E & E	NW	a 59 to 62°	sent down skysail yards
5	9		S.E.			
6	9					8 A M took in 2 gallsails
7	9			SSW		
8	9			to		Common watch employ up
9	8		SE by E	NW		took in double reefs
10	7					& Sent Mainsail
11	6		S.S.E.			
12	6				a 58 to 62°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 57° E	182	82'	127	36° 49'	Same	2 1/2	158'	15° 18'	Same

Tuesday day of Aug 28th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		E by S 1/2 S	South		Stiff Southerly breeze
2	5					and head sea on
3	5			to		
4	5					
5	4					
6	4		SW by S	SSW		5 P M wore ship
7	4					
8	4				a 61 to 62°	
9	4					Heavy head sea on
10	4					
11	4					
12	4					
1	4					
2	4					Latter part heavy squalls
3	4					
4	4				a 62° to 62°	SE gusts thunder lightning
5	4		SW			and heavy bank to NW
6	4					
7	5					
8	5					
9	4					
10	4		SW 1/2 S			
11	4					
12	4				a 63 to 65	South East
	162		10.2 11			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 8° E	78'	77	10 -	38° 01'	Same	2 1/2	15 -	15° 31	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Aug 29th 1860
1	4		Lw	SE		
2	4			by S		Stiff Gale from SE and
3	4			SSE	gradual	heavy Head Sea on
4	4					
5	4					took quantity boat on and close
6	4					reefed My topsail
7	5					Bringing up gradually
8	5				a 62° w 64	with Heavy rain - sounded about
9	5		Lw by W			1000 Fathoms
10	5					
11	5					Mid watch took in Jib topsails & Jibsail. & Split Main
12	6					topsail in trying to close reef
1	6					it - unbent it and bent another
2	0		up South off West			& A.M. moderating
3	0					
4	0				a 62 w 64	
5	0					8 A.M. made sail again.
6	0					Set Gaff sails &c
7	0					and Wore ship to SE -
8	2		SSW			
9	6		SE by E			Heavy head sea -
10	6					
11	6					
12	7				a 64° w 64	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
South	64'	60'	00	39° 02'			09"	15° 32'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thursday day of Aug 30th 1860
1	5		SE by E	SSW		
2	5					Light Breeze and over
3	5					cast sky
4	5					
5	5					
6	5					
7	5					
8	5				a 59° w 64	First watch heavy rain and
9	6					sharp squalls took in Jib Gaff
10	6					sails -
11	6					2 A.M. set them again -
12	6					
1	6					Daylight saw up with & spoke
2	6					the ship "Lightning" from ~~London~~ Glasgow
3	6					~~to Australia~~ to Calcutta 76 days out -
4	4				a 58° w 64	
5	6					Had good breeze and all
6	8					sail set -
7	10					
8	10					Passing squalls
9	10					
10	10					
11	10					
12	10				a 64° w 64°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	160'	16'	159'	39° 18'	39° 04'	2 ½	202'	15° 54'	15° 13'

Journal from New York towards Hong Kong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Aug 31st 1860
1	10		SE by E	SSW		
2	10					Pass'd squalls and good breeze from SSW all sail set.
3	10			7 s. d. a. p. out		
4	10					Let Starboard fore topmast & Lower Stunsail
5	10					
6	10			SW		
7	10	4				730 Carried away the boom —
8	10	4			a 60° W 63°	
9	10					Bright Moonlight
10	11					
11	11			West		During the night wind gradually hauling to NW ship rolling heavy
12	11					
1	10					
2	9	4		W by W		
3	9	4				Morning watch set up a new Broom & got the sails
4	9	4			a 62 W 63	
5	9					Lightning hall down ahead
6	9					(a fast ship & American built)
7	9			NW		Pumps regularly attended to
8	9					
9	9					Ends fine a sail coming up astern —
10	9					
11	9					
12	9				a 68° W 66	South

234

East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
East	282	00	282	99° 04	99 04	3 Wt.	299'	25° 12	28° 12

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of Sept 1st 1860
1	6		SE	NW		
2	6					Light Breze and fine weather
3	6				76 a p out	
4	6					4 PM sent down new Main topsail and sent old one —
5	5					
6	5					
7	5			N NW		Let Port Stunsails.
8	5				a 60° W 58°	
9	6			South		Bright Moonlight & beautiful weather
10	6					
11	7					
12	7			N by E		Wind hauling to Northward & Eastward keeping sail as required
1	7					
2	7					
3	7			N E		
4	7				a 59' W 58'	
5	7		SE by S			In all Stunsails & braced sharp up
6	8					
7	8			E N E		
8	8					
9	8	4				Ends smooth water & fine weather —
10	8	4	S.S.E.			
11	8	4				
12	8	4		East	a 64° W	South

160 11.06

East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
173° E	161'	48'	153'	39° 52'		30°	197'	26° 29'	

Journal from New York towards Hong Kong, China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Sep 2nd 1860
1	7		S.S.E			
2	7			E by N		Light Breze and fine weather
3	9			to		
4	5		S.E.	N E		
5	5					
6	5					
7	5	4				First part sound flying jibs
8	5	4			a 62° w 61°	N E with great velocity keeping
9	7					up all the time
10	7			E N E		
11	8					Midwatch took in Light sails
12	9					blew away Jib topmast steward
1	10					
2	11					Heavy sea rising & wind
3	11					increasing fast
4	11				a 62° w 63°	6 PM Passed two ships one of them
5	11		S E by S			the Lightening under close
6	11					reefed topsails -
7	11		S.E.			8 PM double reefed topsails
8	11					and furled mainsail
9	10					ship wallowing heavily & taking
10	10					great deal of water on deck
11	10				a 6[illegible] w 6[illegible]	11 PM commenced moderating
12	10					Reefs shaking sail -
	202					Passed 4 other sails all under close reefs.

Caught a Bonetta 16 inches long

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 75° E	205'	5 3'	198'	40° 4'		9 -	259'	80° 48	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Monday day of Sep 3rd 1860
1	11		S E.			Moderating set topsails & Gaff
2	11			N E		& Main T B. alt sails -
3	11			to		Sand flying fast from N E -
4	11			N. N E	70 days run	
5	11					5 PM keeping up again took in top
6	10					G alt sails -
7	10					Heavy sea running ship taking great
8	10				a 59 w 59	quantities of water on deck furled
9	9		S E by E			& PM double reefed the topsails -
10	9					Clear as a bell overhead
11	8					
12	8					Calm part moderating and sea going
1	8					down fast -
2	8					Morning watch set reefs T & Main
3	7					topsails & set T G sail sails -
4	7				a 59° w 58°	
5	7					
6	8					Ends Pleasant weather in every
7	10					respect -
8	10					
9	10					
10	10		S E			
11	10		S E			
12	10				a 63° w 63°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	224'	22'	221'	40° 09'	41° 48' South	9 -	289	38 37	East

Journal from New York towards Hongkong China

Tuesday day of Sept 4th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		SbzSbS	E by N		
2	9			E		Good breeze and smooth sea
3	9			N E		
4	9					
5	9					
6	9					9 PM set in thick fog with all sail set on Top gallantsails & bunt main
7	10					
8	10				a 51° W 58°	topmast staysails
9	8					
10	7					
11	7					2 A M fog cleared off with dry clear weather
12	7					
1	7	1	SEbyS			
2	7	4				4 " set in again —
3	7	4				
4	7	4			a 47° W 47'	
5	8					
6	8					Clear thick fog and disagreeable weather
7	8					
8	8					
9	8					wind Variable
10	8					
11	8					
12	8				a 49° W 50°	
	197					East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 64° E	197'	85 —	178'	4 S 08'		8 —	289'	89° 36'	

Wednesday day of Sept 5th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SEbyS	EbyN		
2	8					This day comes in with thick
3	8				80 days out	fog and cold raw weather
4	8					smooth sea —
5	8			NE		
6	8			South		4 PM fog turned into rain
7	7		SE			7 " wind hauling round to Westward
8	6		SEbyE	West	a 45° W 45°	and breezing up — furled Mainsail
9	9			NbyW		
10	10					Mid watch clear off fine weather
11	11			NW		with good breze from W. W.
12	10					
1	10					Morning watch made sail
2	10					T. & all sails &c —
3	10					
4	10				a 42° W 42°	
5	10					Winds strong breze and
6	10					regular sea running —
7	10					
8	10					This is the first NW wind we
9	11					have had since being in south
10	11					Latitude or to the Southward of the
11	11					Cape —
12	11				a 45° W 41°	South
	204	1178				East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 84° E	212'	20	210'	4 S 28'		8 —	288'	4° 24'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Sep 6th 1860
1	11		SSEbE	NW		Strong Brize and cloudy
2	11					
3	11					6 to 8 PM wind canting to Northwd.
4	11					and increasing furled SS. sails and
5	11					double reefed topsails.
6	11					
7	12			NNW		
8	12				a 44° W 42'	First part strong gale & rain.
9	10					ship taking water on deck fore & aft
10	10					from Starboard heads to Taffrail
11	10					and in great bodies
12	10					
1	9					Daylight found ourselves amongst
2	9					a number of Icebergs the
3	8			NW		highest being about 150 feet
4	7				a 44 W 41°	turned reefs out of Mn topsail
5	6					& set Mn SS sail.
6	6					
7	6					
8	6					Ends moderate brize wind
9	6		ESE.			canting to Southward and dry
10	6			NNW		cleardy off. heavy sea on
11	7					
12	8				a 45° W 39°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 88° E	214'	5'	213'	43°28'		8 W	292'	49°16'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Sep 7th 1860
1	6		ESE.	NW		This day comes in with light brize and
2	6			to		chilly weather —
3				West	82 days out	4 PM bent N 2° West by topsail
4	6					5 PM made 5 Icebergs on Starboard
5	6					bow —
6	6					7 to 8 Raped them — are very large indeed
7	6			West		
8	6				a 40 W 39°	One hand on Foreyard & the rest
9	6					of the watch at the forecastle
10	6					on the lookout for Ice —
11	6					
12	6					Midnight took in Royals —
1	6					
2	6					Daylight made all sail —
3	6					No Ice in sight weather quite
4	6				a 39° W 39°	cold —
5	6					
6	6					9 PM Dan Wiley by fell from Main
7	6					Yard & bruised his leg badly on shroud
8	6					Main Rigging —
9	7					
10	7					Taylor Still sick —
11	7					one finger —
12	7					South — East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 79° E	149'	29'	146'	42°54'		8 W	200'	52°36'	

Journal from New York towards Hong Kong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		S S E	S W		Saturday day of Sept 8th 1860
2	5					
3	5					Light winds from S W & cloudy
4	5					
5	2					
6	2					
7	0					
8	0		N.E.	a 40° W 41'		Calm — Light airs from N E
9	2					
10	3					
11	8					
12	2					
1	0		all round Compass			Sounds morning light boys from N Latitud sailsaccount
2	0					
3	0					
4	2		S by W	a 40° 41'		
5	6		N.E.	S E		
6	6					
7	6					Ends rainy & miserable weather yesterday —
8	6					
9	6					
10	5					
11	4					
12	2			a 42 W 42°		
	78					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33° E	71'	40	58'	42° 14'	Same	8 W	79	58° 58'	Same

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Sept 9th 1860
1	2		E ½ N	S S E		
2	4					
3	5					
4	6		E.N.E.	E		
5	4					
6	6					
7	7					
8	7			a 46° W 45'		All these 24 hours rain from S E and consequently the most disagreable weather imaginable —
9	6					
10	6					
11	6					
12	6					
1	6		N E by E	S E by E		
2	5					
3	4					
4	4			a 46° W 46°		
5	4					
6	5		E.N.E.	S E		
7	6					
8	6					
9	6		N E by E ½ E			
10	6					
11	6					
12	6					
	129		12 27 2			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 33° E	129	107'	69'	40° 27'	Same	5 W	91	5° 5' 26	

Journal from New York towards Hongkong

Monday day of Sept 10th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		E by N	SE		
2	7					
3	6			to		Fair as usual
4	4		NE by E			and buying up to SSE
5	4					hove to Kept all sails +
6	4			SE		reefed my topsail —
7	4		E.N.E			
8	4				a 53° w 57	Pump carefully attended too
9	5		NE by E			
10	5					
11	5					Buying up during the
12	5					night Plenty of rain + Hazy
1	5					with squalls —
2	5					
3	5					
4	6			SSE	a 51° w 59	I am double reefed topsails
5	7		E by S	to		and reefed mainsails
6	7			South		
7	6					
8	5					
9	6		NE by E	SSW		
10	6					
11	7					Noon moderating and double reefd
12	8			SW	a 49° w 58°	main topsail + fore sail
	121					Main S by E sail —
						Head sea on ships during comparable

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 54° E	117'	69'	94'	39° 18'		2½	127'	57° 28'	

Tuesday day of Sept 11th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		SE by E	SW		
2	8			to		Strong breeze and cloudy
3	8			W by W		set Whole Foretopsail + J J by sail
4	8					
5	8					Since leaving Port have remarked that ship
6	8					does not leak 6 inches in 5 days when in smooth
7	7			W by W		water but when in a head sea 6 inches in 12
8	7				a 50° w 58	hours and on marching the inside for a
9	7					proff of Position of Leak heard the water
10	7					pouring in on Port side of the stem about
11	7					20 inches below the surface of the upper deck
12	7			West		from the noise made by the water judge the
1	8					leak to be in a bolt or spike hole that has
2	8					not been filled up — Say 3/4 inch bore —
3	8					
4	8				a 49° w 56°	
5	7			W by N		Ends good breeze + hauling to
6	6					Westward —
7	6					
8	7					
9	8					
10	8			NW		
11	9					
12	9				a 53° w 58°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 84° E	181	18'	181'	39° 36'		2½	236'	East 61° 24'	

Journal from New York towards Hankow China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Sept 12th 1860
1	10		N E ½ E	N. N. W.		
2	10					
3	10				8 Pts. past	Good Breeze and Passing squalls —
4	10					
5	10			West		Crew generally employed repairing old sails below —
6	10					
7	10					
8	10			S W	a 51 W 54	8 PM passed a sail bound same way
9	10		E S E.			
10	10					
11	10					
12	10					Took in Royals
1	10					
2	10					During night squalls in quick succession —
3	10			S S W		
4	10				a 51 W 55	
5	10					
6	10					Morning watch bringing up took in T. sails
7	10					
8	10			S W		Can
9	10					imagine the Trysail
10	10		S E by E			Looks moderating again —
11	10					
12	10				a 52 W 55	
	240				South —	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 89° 45' E	240	2'	239'	89° 38		2 ¼	310	66° 34'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thursday day of Sept 13th 1860
1	7		E S E			
2	7			Southerly and baffling		
3	7					Light breeze and baffling airs
4	7					
5	6					
6	6					
7	6		S E by E ½ E			
8	6				a 50 W 54	Ft Pendleton ABS - land up with same
9	5		E by S			
10	5					Fine weather throughout
11	4					
12	4					
1	3		E by S ½ S			
2	3					
3	3					
4	3		East	S S E	a 50 W 56	Latter part wind dying away
5	2					
6	2					
7	2		E N E	E		Ends warm pleasant weather
8	2					
9	2					
10	1					
11	0					
12	0				a 58° 10 55°	
	93		120 18		South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 61° E	92'	14'	90'	89° 24		2 ¼	116'	64° 30'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		Mbt E	N NE		Friday day of Sept 14th 1860
2	2					Light Baffling winds from N NE —
3	2					
4	2		E.S.E.			
5	3					
6	3					First Part Bracing up
7	3					
8	4				a S2° W 5-6°	
9	5			"		
10	6					
11	7					Mid part Hazy & cloudy
12	7					
1	7					
2	7		"			
3	7					
4	7				a S2° W 5 1°	
5	8					
6	8					Wind was good brace all sail
7	8					set
8	9					Candidate turned to —
9	9					
10	9		"			Taylor & Bay Islands laid
11	9			"		up
12	9				a S4° W 55°	South — East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in K	Lon. by Ob.
S 89° 30' E	143'	2	143'	39° 22'		2 —	185'	71° 38'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		E.S.E.	South		Saturday day of Sept 15 1860
2	10					This day comes in with good
3	10			(	go a point	breze and cloudy weather.
4	10					
5	11					
6	11					
7	11					
8	11				a S S° W 84	First part thick and drizzly
9	10	4				breze —
10	10	4				
11	10	4				At 9 A M made the Island of St Paul
12	10	4				bearing S.E.
1	10	4				
2	10	4				7 A M it bore due South 14 miles from
3	10	4				which I take a second departure.
4	10	4			a S S° W	Lat in 38° 46' Long 77° 26' East
5	10	4				
6	10	4				
7	10	4				
8	10	4				
9	10	4				Returning at noon from St Pauls
10	10	4				
11	10	4				Lat 39° 00' Long 79° 04' East
12	10	4			a S4° W 5 8'	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in K	Lon. by Ob.
N 17° E.	252	10'	252'	39° 10'		2 —	313	76° 54'	

Journal firm [illegible] York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Sep 16th 1860
1	11		E S E			
2	11			North		Fine Breeze and overcast; with
3	11			to		tapping squalls
4	11					
5	11			N N W		
6	11					6 PM weather clearing off
7	12					
8	12				a S S° W S S°	
9	12					
10	12					
11	12					Strong Breeze throughout
12	12			N N E		the night — with tapping squalls
1	12			North		and westerly swell helping
2	12					ship ahead —
3	12					
4	12				a S S° W S S°	
5	12					
6	12					
7	12		~~E S E 1/2 S~~	North		Ends fine warm pleasant
8	12					weather again —
9	12					
10	12					
11	12			N. N W		
12	12				a S 6° W S S	

282

South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
East	282'	—	282'	39° 04'	38° 54'	2 1/2 p	35.8'	85° 02'	85° 08'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Sep 17 1860
1	11		E. by S	North		
2	11					This day comes in with fine
3	11				92 days out	weather and splendid breeze
4	11					
5	11					"Mare's tails" in Abundance
6	11					
7	11					
8	11				a S 4° W S 4°	Towards night coming up
9	11					squally —
10	12					
11	12					
12	11					
1	10					Mid part squalls in quick
2	10			N. by E.		succession and hauling to Eastward
3	10					pulled Reefs —
4	10				a S 2° W S 3	
5	11					
6	12			N N E		
7	12					Ends strong Breeze getting up
8	12					7 Reefs each Main and Mizen
9	12					
10	12					
11	12					
12	12				a S W S S°	

269 13.860

East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
East	269	—	269	38° 54'		—	342'	90° 50'	

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Sept 18 1860
1	11		East	N.N.E.		This day comes in with dowry
2	11					weather & good breeze and smooth
3	0					water - ship still taking in
4	10					water fore and aft: she is
5	10					one of the wettest ships afloat the
6	10					sea boards her from stem to
7	10					
8	10		"		a 53' W 52°	stern post
9	10					
10	10					
11	10					
12	10					Pilot Part Away. —
1	10					
2	10					
3	10					
4	10		"		a 52' W 52°	
5	9			"		
6	9					Winds cloudy & good breeze
7	9					
8	9		"	"		
9	10					Watch at work on rigging —
10	11			N by E		
11	11					
12	11				a 54' W 53'	
	9 41					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 79° E	241'	47	236'	38° 07'		1 —	300	95° 5' 0	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Sept 19th 1860
1	7		E by N	South		
2	9					
3	9				94 days out	Good Breeze and Cloudy
4	9					
5	10					
6	10					
7	9					
8	9				a 54 W 53	
9	10					Find Part Misty with
10	11					light drops rain &
11	11			N by W		Midwatch threatening, furled Sails
12	11					
1	10					
2	10					
3	11					
4	10				a 54° W 53°	Latter part light rain —
5	11					
6	11					
7	12					
8	11					Lows clearing off wind hauling
9	11					to Westward at Daylight —
10	11					Stunsail
11	11					
12	11		E N E	N N W	a 57° W 55°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 73° E	245'	73'	234'	36° 54'		½ —	293	100. 43	

Journal from Inch towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Sep 20th 1860
1	9		E.N.E.	N NW		
2	9					Moderate Breze and cloudy
3	9					
4	9					Set Main & F. gtunsail & crept
5	8			N by W		Tack & Main Skysail yards & set
6	8					the sail
7	8					
8	8				a 56° w 56°	
9	8					
10	8					
11	8			North		Remarkable smooth water & fine
12	8					weather
1	9					
2	9					" Henry Churchill one of crew shipped as Ordinary
3	10					Seaman & on leaving N.Y. found he did not
4	10				a 56° w 58°	know the Compass - since then (three months) he
5	10					has been continually sent to the Helm at
6	10			N N W		night time. and Yesterday the following questions
7	10					were put to him by the Mate - The ship at the time
8	10					heading E ½ N. Q. How do you head? E by N ½ E Sir! what is the Middle
9	10					Point between E & N E.? N N E Sir! N E and N.? N by E! How would
10	10					you put the Helm in tacking ships? Put it up Sir! and in wearing
11	11					Ships? Put it amidships! He is consequently rated
12	11				a 60° w 58°	a 'Boy' on the Ships - Last
	220					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 62° E	220	104'	107'	35° 10'		½	23.4'	104° 37	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Sep 21st 1860
1	9		N E by E	N by W		
2	9					Moderate Breze but getting
3	9				06 days out	lighter.
4	9					
5	7					S - D R set Topmast-Stunsail
6	7			NW by N		
7	6					
8	6				a 58° w 58°	
9	6					Fine Part fine weather smooth
10	6					sea & light winds
11	6					
12	6					
1	S -					
2	S -					
3	S -					Ends hauling D.R. at Noon
4	S -				a 57° w 57°	" Top Gallant Stunsail
5	S -					
6	S -					
7	S -					" adding down & various other
8	S -					jobs upon ship
9	S -					
10	S -			NW		
11	S					
12	S				a 66° w 63° South	
	146	147.2				East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 81° E	146'	23'	144'	89° 37		½	198'	106° 52'	

Journal from New York towards Hongkong

Saturday day of Sep 22d 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		NEbE	NWS		
2	4			to		This day comes in with overcast
3	4			NNW.	97 dayout	sky smooth water and but-
4	4					little wind -
5	4					
6	4					6 PM one of the most glorious sunsets
7	1					I ever saw, sky overcast - to within 5° of
8	1				a 61° l 062°	Western Horizon -
9	3		NE.	Baffling		
10	3					
11	3					
12	3					
1	2		ENE	North		Midnight - Moderate Things from
2	2					NNW. to North -
3	4					Saw many tubular Substances in
4	4				a 59° l 061°	the water of a very brilliant Phosphoric
5	3					color some of them 5 or 8 fms long
6	3			Faffling		and as large as a beef Barrel - some
7	4					are straight - and others coiled down
8	4		NNW			and look very much like snakes -
9	4		NE.	NNW.		Spoke ship going the other way -
10	5					Saw a long, young the other way -
11	6	4				Large school of Porpoises playing
12	6	4			a 69° l 067°	round ship -

South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 48° E	79'	53'	59'	S 2° 44'		½	69'	108° 06'	

Sunday day of Sep 28th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		NE			
2	3					This day begins remark-
3	9					able for weather in
4	9					every respect - ended
5	9		NNE			Strong Gales & Squalls
6	3					thin away
7	6					
8	6				a 63° l 065°	
9	6					
10	7					
11	8					First Part bright - Moonlight-
12	8					
1	8					
2	8					
3	8					
4	8				a 61° l 068°	
5	7					
6	7					Days - Fine pleasant
7	7					weather
8	8					
9	8					Set Sail as ut -
10	8					
11	8					
12	8				a 78° l 072°	
	185					East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 19° E	184	174	58'	29° 50'	28° 30'	3/4	6'	109° 06'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Sep 24th 1860
1	8		N E by N	Mo to Mw		
2	8					
3	8				99 days out	Fine weather and clear sky not a cloud to be seen
4	8			Mod —		
5	7					Westerly swell setting in —
6	7					
7	6			to Lw		
8	6				a 66° to 64°	
9	6					
10	6			Lw		
11	6					
12	6					
1	7					Bank rising to S.S.W.
2	8			S S W		
3	8					Midwatch wind hauling to southward
4	8				a 66° to 66°	filled ship & shifted starsails over
5	9			South		
6	10					
7	10			S S E		Forenoon watch wind hauling to S &
8	10					took in all starsails, wind
9	12					veering aheard —
10	12					
11	12			S E.		
12	12				a 71° to 71°	
	200					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 25° E	201	181'	85'	25° 29'		3/4 —	96'	110° 42'	111° 28'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Sep 25th 1860
1	10		N E by E	S E		
2	10					Strong trades and fine
3	10					weather
4	10					
5	10					Watch at work on rigging
6	10					
7	10					
8	10				a 69° to 72	
9	10					
10	10					
11	10					
12	10					Bright Moonlight —
1	10					
2	10					
3	10					Good Lookout kept for Land
4	10				a 61° to 72°	a hand on Fore Yard another on Lizzen
5	10		N E 5/30			
6	10					
7	10					
8	10					
9	10					
10	10					Was fine pretty light and
11	10					getting smooth
12	10				a 76° to 74°	
	140		15.423			South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 84° E	2.80'	198	184'	27° 11'	28° 06	4	145	115° 53	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Sep 26th 1860
1	10		E by N	SSE		
2	10			South		1 P M made the land to southward
3	10				101 dayout	of New Cape - (Australia)
4	10			SSW		4 P M close in kept off NNE. smooth
5	10		NNE	SW		water along shore - with reef about
6	10					2 miles from beach -
7	10		NNE			took another departure from New cape
8	10				a7° w74	Lat of ship at 4 P M 21°55' S Long 114°02' East
9	9			South		
10	8					
11	8					
12	8					Bright Moonlight and fine
1	7					weather —
2	7					
3	7					
4	7		NbyE		a7° w74'	Daylight hauled up N Easterly
5	7					
6	7		NEbyN			
7	8					
8	8					Eyes warm and pleasant
9	7					breeze -
10	7					
11	7					
12	7					
			Since 4		a87° w79°	East -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 31 E	151	128	79'	19°47'		0	84'	115°26	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thursday day of Sep. 27 1860
1			NE.	xW		
2	7					
3	7				102 dayout	Thursday comes in with light
4	7					SWesterly breze and
5	6					hot weather -
6	6					
7	6					
8	6				a76° w78°	" Taylor at work again "
9	6					
10	6					
11	6					
12	6					
1	6					Bright Moonlight and fine
2	7					weather
3	7					
4				NEW	a 74° w79°	
5	6					
6						
7						Latter Part Vere light
8						breyes and fine weather
9	6					
10	6					
11	6					
12	6				a88° w79°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 45° E	158	108.	108.	17°59'	18°00'	0	112'	117°21'	

East -

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Sep 28th 1860
1	6		N E	Sbyw		
2	6					Light winds and fine
3	6					weather
4	6					
5	6					Shifted Courses bent old ones -
6	6					
7	5	4				
8	5	4	N E by E	SW	a76°w78°	
9	5					
10	6					
11	6					Bright Moonlight - and
12	6					steady breys and weather -
1	5					
2	5	4				
3	5	4				
4	5	4			a76w78°	
5	5					
6	5					
7	5					Latter Part same -
8	5					unsettled weather
9	5					
10	5					
11	5					
12	5				a84°w80°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 38° E	131'	104	80	16°16'		—	84'	118°46	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of Sep 29 1860
1	7		N E by N	SW		
2	7					
3	7					Shifted Fore & Main topsails
4	7					bent & dried - sails -
5	7					
6	7					
7	7					Fine Moonlight - and
8	7				a78w80	pleasant - weather
9	7					
10	7					
11	7			SW by S		
12	7					
1	6					
2	6					Latter Part sounding
3	6					more winds Southerly
4	6				177°w80°	
5	6					
6	6			SSW		
7	6					
8	6					
9	6					
10	6					
11	6					
12	6					
	156		160 S		South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 84° E	155	180	87	14°06		—	90	120 16	

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Sept 30 at 1860
1	5		NNE by N	South		
2	5					Light - Breeze and passing clouds
3	5				10 S daypost	
4	5			SSE		
5	6					
6	6					
7	6					
8	7				80° W 81'	
9	6					Bright - Moonlight - throughout -
10	5			SE		
11	5					
12	5					
1	5					
2	5					
3	6					
4	6				80° W 82°	
5	6					
6	6					Latter part wind hauling to Eastward took in all Mizzen sail & braced up -
7	7					
8	7					
9	7					
10	7			ESE		
11	7		NNE by E ½ E			
12	7				82° W 83°	
	14				South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 88° E	141	119'	78'	12° 07	12° 11	—	80'	121° 36	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Monday day of Oct 1st 1860
1	6		N. E.	E SE		
2	6					
3	6					Light breeze and smooth water
4	6					
5	6		NNE by N			
6	6					
7	7		N. E.			
8	7				W 82° W 82'	
9	7	4				Beautiful Moonlight -
10	7	4				
11	8			SE by E		I am Inside the Island of Savu Saw Mimi ans
12	8					& Keep abreast of it - saw many
1	8					lights along shore -
2	8					
3	8		N. E. by E.			
4	8				W 80° W 81'	
5	7	4				Ends warm and sultry
6	7	4		S. E.		
7	7	4				Brought Starboard Forward watch
8	7	4				Sank only 600 Balls -
9	7					crew having free accep to it
10	7					
11	6					
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 49° E	169	110'	126'	10° 21	10° 13'	—	123'	123° 45	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Oct 2 1860
1	6		N E by E	S S		This day comes in with pleasing clouds
2	6					and squalls on horizon —
3	5			E. S. E.		Got both anchors off the bows, stations
4	2					are all ready to drop, 10 fms range —
5	2					2 PM Timor Island in sight —
6	4					
7	6					First part light - brisk ships drawing up
8	7				a82°w81°	with the land tide evidently with us
9	7					Heaving the log every two hours —
10	6		N by E ½ E			
11	6					Latter part wind getting light - daylight
12	6					ship about - 8 miles off shore —
1	4		N by E			
2	3					Large shoal of Porpoises, Albecore
3	3					to be seen —
4	3				82° w82°	
5	4		N. E.			Timor watch little wind ship
6	4					going astern 10 miles by bearings
7	4					of the land between daylight - 1 PM & PM
8	3		N by E			when tide turned; ship going up fast
9	3			Lee		at noon
10	2					
11	3			West -		Timor Peak bore E by S at noon
12	3		N E	N.W.	86° w84°	
	83					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Oct 3rd 1860
1	4		N E by E	West		
2	5					This day comes in with warm rainy
3	6				108 days out	weather and light Breeze prudence
4	6			S.W.		steering SW —
5	4					6 PM Timor Peak bore S ½ E —
6	4					
7	6		E. N. E.			
8	6				84° w88	First part like a gale - ship
9	8					gradually loosing ground
10	9					
11	0					Large fires on the hills of
12	0					Timor —
1	9		N by W			Saltipart in our power —
2	9					
3	9					
4	9				82° w89	Light Breeze and hot weather
5	9					
6	9					ship drifting about at the mercy
7	9					of the tides which are in our
8	9					favor every alternate 6 hours
9	9					
10	4					
11	4					Noon Timor Peak bore S by W —
12	85		16549		a86° w83°	
						South
						9° 10'

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Oct 4th 1860
1	5		SE by E			
2	5			SSW		Warm weather —
3	5		SE by E			
4	5					Pantar Island in sight — on
5	5			SSW		our Port beam,
6	5					tide in our favor
7	5					
8	4			SW	a84'	
9	3					
10	3					Bright Moonlight —
11	3					
12	3			WSW		
1	2					
2	0					Middle part Dead calm
3	0			Calm		
4	0					Sounds passing light Buoys
5	0					from Northward
6	0					Land in sight on both sides —
7	2			West		Timor & Pantar —
8	3					8
9	3			NW		Lights
10	3					Hove to at on Pantar bore SSW ½ W
11	4		N. N. W 1	10 m		Anchored the boat at 80 fms & found
12	4		Pitching			4¼ miles current to SW
						Ship not allowed her position since daylight —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Oct 5th 1860
1	3		SE	SSW		This day comes in with hot sultry
2	3					weather & ship about mid way
3	3					between Timor & Pantar Islands
4	3					
5	2					
6	2					
7	2					First Part nearly dead calm
8	2				a88 W83	
9	1					
10	0					
11	0					Bright Moonlight —
12	0					
1	0					
2	0					20 M light Bouys from Eastward
3	3		SE½S	ESE		
4	5		SEbS		a82 W82	after Sewing Bouys away again
5	5		SEbS			
6	4					
7	3		SbE			Daylight close on on Pantar
8	3					Island —
9	3					
10	3		SE.			
11	3					
12	3				a86 W 85	Noon Highest Peak on Pantar bore SW ¾ W

Course. S6	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday day of Oct 6th 1860
1	4		N.E.	N NW		
2	4					Light Buoys and favorable tide
3	3		E.N.E.	North	11 Days out	current. about E.N.E. wind edging
4	3		E.S.E.	N.E.		us off from Pantar Straits down along
5	3					Ombay shore - 7 miles off the land -
6	3					
7	3		East	South		Saw a small Proah bearing South
8	0				a85°w81°	Colors
9	1			All round		
10	1			Compass -		Throughout the night -
11	1					light Baffling airs
12	1					
1	1		E by S	South		
2	1					Daylight - much the same
3	1					position as we were at
4	1				82° w 81	8 last night - Pinnacle
5	2		E.N.E.	N E		Pantar & Ombay in sight -
6	2					
7	1					
8	0					
9	1					Days exceedingly warm
10	0					
11	2		S E	E N E		
12	2				86° w 84	
	41					South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					8° 8 7.				

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Oct 7 th 1860
1	3		S E by E	E N E		
2	3					Light Buoys - ship steering
3	3				112 Days out	over to Pinnacle
4	2½		N by W	East -		8h 30' tacked ship - current
5	2					against us
6	2					
7	2		N by E	North		6 PM High Peak on Pantar
8	2				a85 w83	bore NW ½ N -
9	0					
10	0					8 to 10 Strong tide rips
11	3		East -	South		current against us -
12	3		N.E.			
1	4		N by W	N N W.		
2	4					
3	4			S W.		
4	4			South	a81°w81°	Daylight - 10 miles astern
5	3					of where we were last night -
6	3					
7	1					
8	3			S.E.		Pinnacle made nothing land
9	2					in sight on both sides
10	1					
11	0			All round compass		So ends another precious day
12	0				a w 8 3°	experience between "Pantar"
	56	16	14			"Ombay" and "Pinnacle"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS. Monday day of Oct 8th 1860
1	4		N by E ½ E	All throughout the 24 hours a dozen & more times the compass the wind veered		
2	4		E ½ E			
3	3		E ½ E			
4	0					
5	0					All these 24 hours same hot sultry weather
6	0					
7	1	4	N.E.		a83°w80°	6. PM. Saw land along which we have been beside - with tide in our favor
8	2					
9	5					
10	8		South			
11	~~4~~		S S E			
12	3					
1	1					
2	1		[illegible]			
3	1					
4	3				a83w81	Throughout night light airs from all points of the compass - apparently no tide - Land in sight throughout -
5	2		S by S			
6	1		N.E.			
7	2					
8	3					
9	0					
10	0					
11	0					Ends with numerous Islands in sight setting all round the ship and setting her to the S E &
12	0				a88w84°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					Lat Obs 8° 33'	towards Town Shore			

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Oct 9th 1860
1	2		E by S			
2	2					Light airs and baffling
3	1		South			
4	1					6 PM High Peak on Pantar bore N W by W ½ W
5	2		N.N.W			
6	2					Hauled up on the wind for the Eastward of Pantar Islands
7	2		N.N.W.			
8	2				a89w80	6 M. day being impracticable First Part - Light Breeze from SW to SSW
9	3					
10	3					
11	3	4				
12	3	4				4 AM close up to Pantar Island
1	3		W by N.			
2	2					8 ... Pantar Peak bore N ¾ E 8 miles
3	2					
4	1		West		80° w80°	
5	2					10 'Lombleu' Island ahead tide with us
6	2					
7	3		W by N			
8	3					11 Hauled up for Allor Straits between islands of Lombleu & Pantar all hands on deck and all sail set little still with us
9	5					
10	6					
11	6					
12	6					Soundings to day 2

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong China

H K F COURSES. WINDS. LEEWAY. REMARKS Wednesday day of Oct 10th 1860

Commences ship entering Alloo straits
1st Mate [illegible] topsail yard looking
115 days out — moderate Breze fm SW & tide
in our favor
2 PM when abreast of Middle Island wind
hauled NE & tide took us ahead sweeping
ship towards the land sent out boats
& endeavored to tow ship round but tow
drove our ship — & PM strong breze
set in fm NE. making tacks towards
6 PM ship about half way through —

Throughout the night — ship drifting about with the tide
which appeared to run out slowly all the time the
ship at 3 AM had drifted nearly out of the straits
altogether. at sunrise had drifted back nearly
as far as she was last night. during the night —
light airs fm NE & SW and strong tide ripps or probably
eddies as the ship was carried backwards & forwards between
Middle & Little Islands with out going out much —
9 AM light Breze springing up fm SW. apparently no tide
at noon had made a glorious run for the time Little Island
(when we entered the Straits) nearly shut out by Midship Point in the Straits
East Island in sight ahead —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H K F COURSES. WINDS. LEEWAY. REMARKS Thursday day of Oct 11th 1860

This day comes in with moderate breze and little tide
in our favor —
2 PM wind dying away and current set in strong against
us — by 4 o'clock right back to Middle Island breze
springing up fm NE sprang away & ran out of
Alloo straits and hauled on the wind for the
Westward & Southward or up the coast —

During the night little wind and favorable tides —
numerous lights on the hills visible —

Daylight — hauled up for Jamaica Straits between
Islands of Lomblen & Solor all sail set —
10 AM entered straits with leading wind from
Southward several small Proahs ahead —

Ends with good breze fm SW ships making
way through the Passage finely —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong

Friday day of Oct 12th 1860

H K F | COURSES. | WINDS. | LEEWAY. | REMARKS

Commences fine ship sailing thro Gaspar straits
wnt Llw mod / 8 PM wind came out NE - add squad & fine
breeze making tacks fine on shore to the
117 days out other
2 PM wind died away ship drifted back some-
4 " breeze springs up again made several
tacks and stood on for the anchorage
known as "Dutch Gut" on the Lymbleu
side and abreast of Tukkua Peak a
high Peak on ~~XXXX~~ Ardenara Island
7 PM anchored in 15 fms water about
miles off shore furled all sails & payed
out 90 fms chain - & set the watch & men
and an officer thro out the night -
8 PM ship veering with head to Llw and wind fine
Llw to Llw. many lights all round us -
11 30 PM swung head to NNW - fine weather -
5 AM turned all hands out, hove short & made sail
topsail yards 8 AM light-breeze fine SSW & tide turned
in our favor - made all sail to go through -

Fair

This day ends with light breeze and tide Made on
Tuesday's Log yards - as the Charts have grop errors - in the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Gun fired & Jack Pennant hoisted for Accapulco & South Sand Cay 600 miles -
At 8 was all out & last night - & wept on
allowance of one gallon a day this morning
Hilarity Mark 2 sailors mark
per Dixon -

H K F | COURSES. | WINDS. | LEEWAY. | REMARKS

Saturday day of Oct 13th 1860

This day comes in with ship in middle of 'Dutch Gut'
Channel abreast of Entrum Point of Lomblen with an
active Volcano about 5 miles back from the Point -
2 PM wind & tide failed us & sea breeze set in from S.E.
making tacks across channel and gradually losing ground
The Charts of this Part of the straits are incorrect but the
channel out is deep and broad -
7 PM had drifted half way back to our anchorage - ground
of last night - when wind & tide set in from SSW.
trimmed all sail for the passage - deep sea lead
continually going no bottom at 90 fms all the
way through
10 PM out clear of everything safe & sound - and in
Banda Sea at last - and have found Lamorada
Straits & Dutch Gut considerably safer & and
easier of accp than Ombay or Alloo -
Midnight - made Pulo Comfery on lee bow -
6 AM saw Entrum 15 miles from which
6 E.E. S.E. I take a departure
6 " saw a Dutch brig standing to NW.
4
4 E.S.E.
3 Has warm sultry weather
3
Lats & Longs by bearings & distances of Comba -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					7°5'3'				125°5'2'

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	/		South SE by E			Sunday day of Oct 14th 1860
2	0					This day comes in with fresh gales & squally weather & ship in sight of Lombleen and
3	0				119 days out	Cambay Islands —
4	/		N.N.W	N.E.		
5	0					
6	0					6 PM Pulo Cambay bore W.N.W
7	0			all round		& Volcano on Lombleen W by S —
8	0			Compass		
9	/		N.E.			
10	2					
11	3					Throughout the night
12	/		South			light Baffling airs &
1	2		N.N.W	N.E		round the Compass
2	2					
3	/		E by S			7 AM light breze from East
4	2					& Was Warm weather
5	0					
6	2		N.N.E.	East		and Pleasant Breze —
7	3					
8	5 —					
9	5 —					
10	5 —					
11	5 —					
12	5 —				a88°w83°	South East
	46					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 24° E	41	38'	16	7°15'	7°21'	—	17	124°09'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Monday day of Oct 15th 1860
1	4		N.N.E.	East		
2	4					
3	4				120 days out	Light Airs and
4	3				4 months	calm sea —
5	2		N by E			
6	/	4	E.N.E.	N.N.W.		
7	2					
8	2				a83°w82°	4 Months out and 7° South
9	0					of the Equator —
10	0					
11	0					
12	0					
1	0					
2	0					Same throughout
3	0					
4	3				a81°w82°	
5	2					
6	/	4		S.E.		
7	/	4				
8	/	4				
9	/			S.S.E.		
10	/					
11	0			SW		
12	/				a92°w85°	
	95		1699			East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 42° E	82'	24'	21	6°57'		—	21	124°30	

Journal from New York towards Hongkong

Tuesday day of Oct 16th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		E.N.E.	South		
2	1					
3	1			S.E.		
4	2					First Part light airs
5	2					
6	2					caught a small Shark
7	1		North	E.N.E		running of Albecore round
8	2				a88°w8 2°	the Ship
9	3		N ½ W			
10	3					
11	3					Pumps carefully attended to
12	3					
1	2					
2	2			East		Light Breezes and
3	2		N.E.by E			
4	1	4		E.S.E.	a82°w82°	smooth water
5	2	4				throughout:
6	2	4				
7	3					
8	3		/			
9	4					
10	4					
11	4					
12	4				a88°w86°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° E	52'	46	23'		6°41'	—	24'	124°8'4	

Wednesday day of Oct 17th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		N by E	Eastward		
2	2				122 dayspd	
3	2					
4	2					
5	3			Variable		Sailmaker off duty with sore
6	3					hand,
7	3		N by E ½ E			
8	3				a82°w82	
9	3		N.N.E.			
10	3					Thurs 24 hours the exact
11	4					
12	2		S E			counterpart of the last
1	3		S E ½ S			
2	3					Made tacks to SE —
3	3					
4	3				a82°w82°	S.S. tacked back again —
5	3					
6	3		S E ½ E			
7	3					
8	3					
9	3		"			
10	3					Tina and strong & Variable
11	3					current against us
12	3		'		a89°w84°	

South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 40° E	44'	34'	28'	6°07'	6°28°	—	28	125°2'2	

Journal from New York towards Hongkong China

Thursday day of Oct 18 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		N.N.E.	East-		
2	4					
3	5-					12 Noon Apparent Lat 30' Made Vellstoens Island one of the "Token Despey" Group-
4	5-					
5	6					
6	6		(4 PM took another departure)			4 PM bore east- 6 miles-
7	6	4				several other islands of same group
8	6	4			a83°w83°	in sight- to Westward - vast numbers
9	6	4				of white boobies flying round
10	6	4				
11	8-					Apparent current to N.W.-
12	4	4				
1	4		N by E ½ E.			
2	4					
3	4					
4	4				a82°w82°	Ends fair
5	5-		N.N.E.			
6	5-					crew cleaning ironwork outside
7	6					& painting it red
8	6					
9	5-					
10	4					
11	3					
12	3				a90°w86°	

118 (Noon to 4 P.M.) South East-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22° E	101'	94'	37'	4°26'	4°36'	—	37	125°08'	

Friday day of Oct 19th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5-		N E by N	E by S		
2	5-					Light Breze and fair
3	5-			E S E		weather -
4	5-					
5	5-					
6	5-					
7	5-					
8	6				a83°w83°	
9	7		N E by E N.E.	N N W		9 PM smart squalls from N.N.W
10	5-					
11	9			West-		
12	1					Midnight- Calm -
1	0					
2	0			Calm		
3	0					4 AM Light- Breze from S.E.
4	0				a82°w82°	
5	2		N E by N	S.E.		Daylight- Bouron Island
6	3					in sight- ahead
7	4		N E by N ½ N			
8	4			East-		Sulphur Bottom Whales -
9	4		N E by N			round the ship
10	4					
11	4			E.S.E.		From Ballatete Pt bore N E 30 miles
12	8					South (and Westerly current) East-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 39° E	85'	66'	54'	3°30'	3°28'	—	56	126°08'	

Journal from New York towards Hong Kong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of Oct 20 1860
1	4		N.N.E.			
2	4			S E		Extremely warm and but little wind
3	3					
4	3			East		
5	3					
6	2					
7	1		N.N.E. all round			
8	1		East	Compass	a83 w83	Just Past light supply rain
9	1		N.E.			from off Bouro —
10	2					
11	2					
12	2					
1	1					Sand in sight all night
2	0					
3	1		E.N.E.	South		
4	0				a83° & 3°	1
5	0					
6	0					Latter Part light Breeze from
7	0					E.
8	1					
9	1		N E & N	East		
10	2					Room Zulla Bay one Point
11	3		N.E (6 1/2 30') S E			Baldato SS. S 3/4 E -
12	4			Calm	a98 w86°	latter 8 miles off —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Oct 21 at 78/60
1	6		E.N.E	West		
2	6					
3	6			East	126 days out	Warm weather and light
4	5			South		Breezes
5	4					
6	4					Ship mouth of Bouro / Zulla
7	3			Baffling		Bay. Latter Part — Saw
8	2					S E at 4 PM —
9	0					6 PM wind baffling took in all
10	2			S E		sail sails —
11	3					
12	4			S.S.E.		Just Past light Buy from SE
1	4	4				wind sails as required
2	4	4				
3	5					Let sails again
4	6					
5	4					
6	4					
7	4					Ends warm stilly weather
8	4					
9	3					Ship off Island of Bouro
10	2					
11	1					current alternately with & against
12	1				a99°w86°	us

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					2° 98'				

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0					Monday day of Oct 22nd 1860
2	0					Dead Calm —
3	0					
4	0					
5	3		E N E	S E		8 P M Clouds passing the moon quicker than they have done for some time before
6	4					
7	3					
8	4				a84°	
9	5					
10	6					
11	5					
12	4		N E			Considerable rain during night with wind all round the Compass principally from the Southern Points of the Compass —
1	3		E N E			
2	5			Hall round Compass		
3	2			Easterly		
4	2			Southerly a80°		
5	2					
6	5					Daylight Bowrs aud of night —
7	7					Astern —
8	6					
9	3			ditto		
10	3					
11	2					
12	1				ago a86°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					2°21' —				

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		N E by E	Wat-		Tuesday day of Oct 23rd 1860
2	2					
3	2				128 dayout	
4	2					3 P M Obs Major in right-
5	1					-ding Bar Bowrs beam —
6	1					
7	1			a mo		
8	1					Sail maker off duty stick
9	1					
10	2					Throughout night - light -
11	2					
12	2					Breezes —
1	2					
2	3					
3	3			Var		
4	3					Daylight clear up to East end
5	3					of Obs Major —
6	4					Bring steering fine N.W.
7	4		N. E.			
8	4					
9	5		N E ½ E			Passing ship outside
10	5			a mo		
11	4					
12	4			S W		
	62		17591			South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					1°51'				

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.
1	4		N E ½ E	Lt.	
2	5		N E by E ½ E		
3	6				
4	5	4			
5	5				
6	4			E	
7	4		N N E		
8	3	4	N E by E		a 8 3
9	2				
10	2			West	
11	2				
12	3			Baffling	
1	3				
2	5				
3	3				
4	5				a 8 2
5	6		N. E.		
6	6				
7	6		N by E	West	
8	6				
9	6		"		
10	6			S W	
11	8				
12	5		"	South a 8 2° W 8 4	

REMARKS Wednesday day of Oct 24th 1860

Comes in with Moderate breze and Tiny weather Islands of Cby Major Lookisong & Gaspar in sight.

6 PM ship between Pulo Zapus and Lookisong -

Tide in our favor -

First Part fine generally with pleasant Moon -

Daylight Pammun Islands in sight on Port Beam -

Considerable rain - -

Noon Pedra Islands bore N W by N 8 miles distant

Bunapuzandaffa attended to Race cloudy -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Last at 1 PM	25th	35' South		Long 125° 42'		Said			

H	K	F	COURSES.	WINDS.	LEEWAY.
1	3		N N E	S S E	
2	3			S S W	
3	3				
4	2				
5	2				
6	2				
7	2			South	
8	2			to	
9	1			S°	
10	2				
11	2				
12	2				
1	1				
2	1				
3	2				
4	2				
5	1			S W	
6	3				
7	2		N. E.		
8	2				
9	2				
10	2		N E by E	W S W	
11	3				
12	5				

REMARKS Thursday day of Oct 25th 1860

Light Airs and smooth water.

Daylight - Gilolo and Jaebe in sight. 9 AM squally with rain S W

Races same as usual

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		N by E	Wat-		Friday day of Oct 26 th 1860
2	2		N W.			This day comes on with Moderately
3	2		N by E			fine weather ship between
4	2					Gilolo & Zuebe Islands both
5	1					in sight-
6	1					
7	1		N by E ½ E			
8	1			~~a86° w84~~ a6° w84		
9	0					
10	0					
11	0					Middle part Calm-
12	0					
1	0					
2	0					
3	2		N E ½ E	N by W		
4	4		N. E.	Nath		Daylight- by beams of the Land
5	5					ship has gone astern about 6 mils
6	5					
7	5			North		
8	4					Latter Part brings furhening
9	4		N E ½ E			
10	4		N by E			from South end of Zuebe bore N. N. E.
11	4					5 miles distant
12	4					

South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Lat by Bearing & Distance of Zuebe Island					00 5' Long		129° 16' East		

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		N NW			Saturday day of Oct 27 th 1860
2	2		N N E.			
3	2					Was Boarded by a Boat from
4	1					Gilolo Island with cocoanuts
5	0					& sugar cane to sell
6	0					
7	0					
8	0					
9	0					
10	2		N by W			In the 24 hours light Breezes
11	3					from every Point of the compass
12	1					
1	1		North			and tide running to SW.
2	2					
3	0					
4	0			a82° w84		
5	0					
6	0					
7	0					
8	0					Iron ship - about - 6 miles
9	0					Astern of our Position
10	0					Yesterday noon -
11	6					
12	0		17828	a9° w87°		South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					0° 5'				

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Oct 28th 1860
1	6					
2	0					This day comes in with a dead
3	0	4	South	S.S.E.	133 days out	calm -
4	0	4				
5	0					
6	0					7 PM light airs from N NW
7	0					8 " hauled N. N. W.
8	3				a85°w85°	
9	3		N by E	N N W		
10	2					
11	2					
12	2					
1	2					Mid Part light - rain spits
2	2			Baffling		
3	2					
4	2					4 PM Northend Zoby bore N2W½E
5	3		South			
6	3					
7	4					9 PM clear of Zoby Island
8	5			West		
9	4	4				Rain rain spits
10	4	4				
11	4	4	N.N.E.			Position at noon by bearings of Island
12	4	4		SW	a88°w85°	South East
	94					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					11'				129°10'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Monday day of Oct 29th 1860
1	6		N N E	S.S.W.		
2	6		N E by N			Light Breezes and cloudy
3	6				134 days out	
4	6					
5	4					5 PM Made the Calherine Isles
6	4					bearing N. N. W.
7	5			N S W		
8	5				a85°w85°	
9	5					
10	4					First Part bright - Moonlight -
11	4			S. S. W.		
12	4					
1	9					
2	9					5 " " Spoke ship from W S W Shipt
3	9					Sunsails -
4	9				a89°w85°	
5	5			W.S.W.		Daylight Gillolo still in sight -
6	4					
7	9					
8	9					Sperm whales round the ship
9	9					
10	9					
11	9					Rain cloudy & few squalls rain
12	9			SSW	a87°85° South	Took a Weekly Account this East
	98					24 hours

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 33° E	98'	79'	50'	1°30'	1°26	—	50'	130.00	

Journal from New York towards Hong Kong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Tuesday day of Oct 30 1860
1	2	4	N E by N			
2	2	4		SW		Cloudy and light Breze —
3	2	4		to		
4	2	6		S SW		
5	2					
6	2					First Part wind baffling with
7	2					light rain
8	2			Wind —	a85° w85 —	
9	3					
10	4					
11	5					
12	6			N. N. W		
1	6					Mid Part cloudy Breze fm
2	6					NW —
3	5					
4	5				a82° w85	
5	5					
6	5			NW		
7	6					Latter Part cloudy & light
8	6					rain squalls &
9	4					
10	4		N. E.			
11	3					
12	3				a86° w86°	
	94				South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 35° E	93'	77'	54'	2° 37'	—	—	54'	130° 54'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Oct 31 st 1860
1	2		N E by N			
2	1			NW.		
3	2				136 dapout	Light Baffling air
4	1					
5	1					with numerous squalls on
6	2			a NW		the horizon —
7	4					
8	4				a82° w85 —	
9	4					
10	4					Good lookout kept for the Land
11	2			West —		
12	2					
1	2	4	N. E.			
2	2	4				
3	2	4				
4	4				a 82° w85 —	
5	4					
6	4	5/30	N E by E			Latter Part hard rain with very
7	6			West —		variable winds —
8	7			to		
9	6			South		saved 850 Gallons water
10	6			Baffling		
11	6					
12	6				a78° w86°	
					South	East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 46° E	86'	59'	62'	2° 57'	imperfect	—	62'	131° 56'	

Journal from New York towards Hong Kong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1	4	N E by E ½ E.			Thursday day of Nov 1st 1860
2	1	4				This day comes in with good
3	1	4				bruze and rain —
4	1	4				137 days out
5	15					Took departure of PM Made Pulo Marier bearg E.
6	5					Lat 4° 19' Long 182° 18' 10 miles distant.
7	4			N N W		
8	3		E. N. E.	North a 81° W 84		Rainy —
9						
10	2	4	N E by E			
11	2	4	N. E.	N N W		
12	2					
1	0					
2	0					Dead calm —
3	0					
4	0				82° W 84'	
5	0					4 PM saw a sail to NW —
6	0					
7	0					Daylight made hereout to be a ship bound
8	0					same way —
9	2		N E	all round Compass		
10	2					8 to 10 rain and Baffling wind
11	2			N N W.		
12	2				a 88° W 86°	North Strong Easterly Current

"20 hours"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 55° E	30	17	24	4° 36'	4° 21'	—	24'	182 48	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0		N. N. E.	N W		Friday day of Nov 2nd 1860
2	1					—
3	1			to		Fine Pleasant weather
4	2					
5	2			N W by N		
6	2					Pumps carefully attended
7	2					to
8	2				a 82° W 84	
9	3					
10	4					
11	4					Fine Moonlight —
12	4					
1	3		N N by N			
2	2	4				
3	2	4				
4	3				S 2° W 85 —	
5	3					
6	3		N N E ½ N			
7	3					Moon rised shifted in a squall
8	3					
9	3					
10	3					
11	3					
12	3		E N E			East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 30° E	22'	54'	31'	5° 15'	North	Strong Easterly Current			
						¼ E —	31	139° 14'	

Journal from New York towards Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday day of Nov 3 rd 1860
1	3		N.N.E	East		
2	3			NW		Moderate Breze and pleasant
3	4		N by E	to		weather -
4	4			N.N.W.		
5	3					
6	3		North			Saw ducks on horizon
7	3	4				and Many evidences of current -
8	3	4			a85°w85°	what scraps & 1 harpoon staff
9	3					floating by -
10	2			SW		
11	2					
12	1			South		1 d in at Stunsails -
1	2					
2	3			SW		
3	4					
4	4			W.S.W.	82°w85°	
5	4					Took them in again.
6	4		N by E			
7	3		North	West		Scrubbing ships inside)
8	2					
9	2					Was warm weather
10	2					
11	3	4		W by N		Strong SE current
12	3	4			a85°w86°	
					North	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 8° E	71'	71'	9	6°25-	5°96'	¼ E	9	138°25	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Nov 4 th 1860
1	1		N by E	West		
2	2					
3	2				140 days out	
4	2					Fine weather genally
5	2					
6	2					Scrubbing paintwork
7	2					
8	0			all round	a84 w81	
9	0					
10	0					
11	0					
12	1		N.E.			Mid Part most dead
1	0	4				
2	0	4				calm wind all round
3	0	4				
4	0	4			a85°w86°	compas -
5	0					
6	0			Compas		
7	0					
8	1		N by E	West		
9	1					
10	0			SW		Later part rain &
11	5					
12	3				a87°w85°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 4° E	26'	2 S	6'	5°50'		¼ E	6	133°29'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Nov 5th 1860
1	4		North	West		Moderate Breze and hazy
2	5			to		
3	5			W.N.W.		obscured with rain clouds
4	4					
5	3					
6	3					
7	2		N by E	NW	a81° w85	7 PM sharp lightning to N.E
8	2					
9	2		N.E.			8 PM wind hauling to Eastward
10	5		NW by W			9. Tacked ship to NW
11	6			N.N.E.		
12	5			North		
1	4		West			Moderating
2	4		North	E.N.E.		
3	3		N by E			1 Tacked backagain
4	2		N.N.E	East	a81° w84	
5	2		N.W.	N.N.E.		
6	2					1.30 wind came out N.E again
7	2					
8	2					Tacked at 10
9	2					Light part wind variable from
10	4		N.N.W	North		N.N.E to N.N.W
11	5			to		
12	5		E.N.E.	N.NW	82° w85°	Noon Tacked
				North		East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22° W	64′	59′	24′	6°49′	6°33′	—	24′	133°05′	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Nov 6th 1860
1	2		N.W.	North		
2	2		W.N.W.			Light Breezes and
3	2			North	142 dayout	Heavy rain clouds -
4	0					
5	1		North	W.N.W.		Pelew Islands in sight -
6	2					beam. NW by N
7	3					
8	4		N by E		a82° w85°	First watch moderate breze
9	5					Daylight to Eastward
10	5			North		Sighted Islands took in skysails
11	7		N by N	to		1 30 tacked ship
12	5			N.E.		
1	3					
2	3		East			Daylight - Pelew Islands bore
3	8		W.N.W.			North -
4	8		W by N		a80° w84°	
5	7					Light - rain during the Morning
6	5		N W by W			
7	4		W.N.W			
8	3					Noon clearing off fine
9	2		W by S ½ S			
10	2					Pelew Islands (Southern one)
11	2					bore N.N.E. 10 miles
12	2					
				North (by the land)		(by the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 28° W	89′	84	18′	7°07′	6°44′	—	18′	132°47′	134° 17′ La

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		N by E	N by W		Wednesday day of Nov 7th 1860
2	3					
3	3		N E ½ E			Saw a Dead Sperm Whale — apparently not long dead
4	3					
5	2					
6	1					
7	2		N N E			
8	2		N E		a 82 W 84	
9	0					
10	5		East			
11	0					
12	5		~~East~~			Latch'd ship at Midnight to Starboard
1	2		N ½ W			
2	4					
3	4					
4	2		N ½ E		82° W 84	
5	3	4				
6	2	4				Latter part rainy Wind as variable as it is possible for it to be
7	3		N E			
8	3		N N E			
9	2		E N W			
10	1	4	N N E			
11	1	4	W N E			
12	2		N N E		a 80 W 84°	
	68					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in ½	Lon. by Ob.
					North			East	
E ½° W	40′	38′	12′	7° 22′	7° 7′ computed	—	12	134° 08′	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		E by N			Thursday day of Nov 8th 1860
2	4					First Part continual rain
3	4		E N E.			
4	3			N W		
5	3		E by E			
6	3		N W			6 PM a general break up around the clouds from the N E. — "Talavera Hope"
7	4		N W by W			
8	4			to		
9	6					
10	6					First Part good Breeze from N by E to N N E.
11	5					
12	5		N W.			
1	4		N W by W			
2	4					
3	4		N W			
4	3			N E	a 82° W 84	Latter squalls from N E.
5	0					
6	0					
7	1		E N W			and but little wind, and that
8	1		N E.	Baffling		baffling from East to West
9	2					
10	2					
11	1					
12	1		N N E.		a 88′ W 87°	
	66		1868			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in ½	Lon. by Ob.
					North			East	
N ½° W	40′	38′	12′	7° 46′	7° 8′	—	12	133° 48′	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		N.N.E.	E N E		Friday day of Nov 9th 1860
2	2					Pleasant weather
3	3		N b E &	West		and Swell from N E
4	4					
5	4					
6	4					
7	4		N.N.E.			
8	4				a83°u85°	
9	4					
10	4		N b E	N W & W		
11	3		N E.	&		Mid Part passing
12	3			N N W		rain squalls
1	3		N b E			
2	3					
3	3					
4	3				a80 u83	
5	4		N b E & E			Latter Part same wind
6	4		N E	N N E		casing to northward in
7	4		N W & N			squalls -
8	5			N E		
9	5		N.N.W.	E N E		Commenced Holystoning decks.
10	5					Overcast
11	5					
12	5				a80° u83°	Southerly & Easterly currents

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 11° E	77'	75'	14'	9° 06'	8° 48'	—	14	134° 02'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		North	E N E		Saturday day of Nov 10 1860
2	6					This day comes in with
3	5					smart squalls in quick
4	5					succession -
5	0					Holystoning decks during the
6	2					intervals
7	0					Incessant rain and sharp
8	0			N E b E	a80 u84	N E Swell,
9	0					
10	0					
11	5		N b W			2 Ships datting, but sails
12	1					heavily —
1	0					
2	0					
3	4		N W & N	N N E		
4	4				a82° u85°	Latter Part rain clouds clearing
5	4		N W b W			away windy ranking Northerly with
6	4		N W			cloudy sky,
7	5					
8	5					
9	6		N W b W	N b E		
10	6					
11	6					
12	5				a86° u85°	North
	78					East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 39° W	91'	69'	88'	9° 48'	9° 43'	—	90	133° 28'	

Journal from New York towards Hong Kong.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Nov 11th 1860
1	6	4	N.N.W.	Smart		
2	6	4				
3	6	4				
4	7		NW by W	N by E	147 days out	Good Breze and H.E.
5	7		NW ½ W			sweet on
6	7					
7	9		NW ½ N	N N E		
8	10				a84° w84°	& P.M. stiff Breze and every
9	8					indication of it continuing
10	7					
11	6					
12	5					
1	4		NW by W	Baffling at times		Midnight had Moderated down to our usual miserable Slatten Breze
2	4					
3	4					
4	5				a83° w84°	
5	5					
6	4					
7	4		N N W	Smart		
8	3					Latter Part moderating still more
9	3					
10	3					
11	3		NW by W			
12	3				a87° w85°	From tacked & Stood to N.E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 53° W	127'	77'	101'	11° 00'	10° 40'	—	183	131' 46'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Sunday day of Nov 12th 1860
1	4		N by E	N by E		
2	4					
3	4				148 days out	
4	4					Fine Part wind unsteady
5	5		E.N.E.			with squalls
6	4					PM Shifted Foresail
7	4		N N W			
8	3		N by E		a82° w84°	
9	2		N E by E	Baffling		
10	4		N by E			
11	5					
12	6					Mid Part strong Breze and
1	7		N ½ W			fine weather
2	8					
3	8		N by W			
4	9				a82° w84°	
5	8					
6	8					
7	8					Holystoning decks
8	8					
9	8		NW ½ W	Smart		
10	8					
11	8					
12	8				7 w88°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 22° W	312'	288'	118'	11° 53'	11° 28'	—	5' 6	180° 14'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Nov 13 1860
1			S.W.S.	South		
2	3					
3	3					Strong Brize and heavy head sea on
4	3					
5	3					
6	3					+ D'n shifted Mizzen topsail
7	4					
8	5				a8e w84	D'n bunt Main T.G. sail
9	6		S.S.E.	S.S.W.		bent another on
10	6					7 " Saw Royal bunt
11	5		S.S.E.			
12	5					
1	5		S.S.E.	S.W.		
2	5			S.W.		Mid Part papping squalls
3	4			South		wind canting westerly in
4	5				a8e w84	them
5	4		E.S.E.			
6	4					Bent mouth Topsail +
7	4					sent up new Main T.G. Stay
8	4					
9	5					9 D'n tacked to SW
10	5		S.W.by.S.			
11	5					Pump Carefully attended to
12	5				a84° w84°	South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 51° E	106	67	82'	12°86		— —	84'	132°8	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Nov 14 1860
1	5		S.W.by.W	S.by.E		To day we are 150 days at sea
2	5			&		and have distance from Hong
3	5				150 days	out Brize yet - must soon
4	5					the 2nd Must be aboard
5	5		S.W.½.W	S.E.by.E		
6	5					Carried away weather outrigger in
7	5		S.W.by.S			Main Topmast shrouds -
8	5				a82° w84°	got up preventer B.B. + Royal
9	5					backstays
10	5					
11	5					Heavy sea, strong breeze and
12	5					ship scudding in Quick time
1	5		S.W.by.S½.S	S.E.		
2	5					Morning watch furled Lt Gallant sail
3	5					bunt Main topmast staysail
4	5				a82° w82°	+ Main topsail at 11 A.M.
5	5		S.W.by.S			bent a new one
6	5					
7	5					Evap. 8 L trades just
8	5					making, well to Eastward
9	5					
10	5					
11	5					Heavy head sea on
12	5				a8°w	South East
	120					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 38° W	118'	93'	72'	1409	—	—	94	180°54'	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NbyE	E NE		Thursday day of Nov 15th 1860
2	5					
3	5			b		This day comes in with Strong N E trades Head seas and hard squalls - T.S. sails set -
4	5					
5	5					
6	5					3 PM shifted Mainsail bent - 2nd bent -
7	6		NbyE½E	NE by E	81° 83°	Furled topgallantsails ship pitching very heavily,
8	6					
9	6		N NW			
10	6					
11	6					
12	6					After Midnight - Moderate & fresh topgallantsails
1	6		NbyE½E			
2	6					
3	7					
4	7				a82 W83	Set Royals
5	7		N.N.W			
6	7					
7	7					
8	7					Ends stiff breezes and heavy sea on - not so bad as the last few days -
9	7					
10	7					
11	8		NbyE			
12	8				a83W83°	Holystoning decks very favorable spell -
	151					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 39° W	147'	114'	91'	16°04'	—	1pt West in compass in use	93'	129°21'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		NbyE	N E.		Friday day of Nov 16th 1860
2	8					
3	8					1st 2 days out Moderate & fresh trades and heavy sea on ship pitching heavily -
4	8					
5	7					
6	6					
7	6			b		Mizen topsail tie parted twice got tackle to mast-head and hoisted the yard up -
8	6				a81°W83°	
9	7					
10	7					
11	8					
12	8	"				
1	8		E.N.E.			Saltsport Moderating generally
2	8					
3	8					
4	8				a81° W83°	
5	8					
6	8					Holystoning Poop deck -
7	8	"				
8	8					
9	9					
10	9					
11	1	"				
12	2				a 83 W83'	Sunk East -
	197					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 34° W	187'	155'	104	18°39'	18°33'	—	108	127°33'	

Journal from Hong Kong towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of Nov 17 78 60
1	9		NW¼W	ESE		
2	9			to		
3	9		NW½W	SE,		Fine breezes and pleasant weather —
4	9					
5	9					
6	9					Pumps carefully attended too Holystanding decks,
7	9					
8	9				a79° w80°	
9	9					
10	9					Midnight — Made the Barbers
11	9					
12	9					
1	9					Daylight — Land still in sight on weather quarter —
2	9		NW by W			
3	9		W. by W.			Ship in China Sea at last —
4	8					
5	8					
6	8					Scrubbing Paintwork on Poop & —
7	8		NW ½ W			
8	8					
9	8		NW			
10	8					Fine ship considerably to Westward of her reckoning —
11	8					
12	8		NW by W			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 64° W	212′	92′	191	20° 05′	—	—	202′	124° 11′	Sun's mid. midnight 121° 00′

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Nov 18 4th 60
1	9		NW by W	ENE		
2	8			East-	15th Dayout	This day comes in with passing squalls with wind canting to Southward at times —
3	7			SE.		
4	6			SSE		
5	6					
6	7					All hands on deck scrubbing and scraping down —
7	8					
8	8			East-	a76° w80	
9	8					
10	8					
11	9			ENE		
12	9					
1	9					Steering Monsoons — and smooth water —
2	9					
3	9			NE.		
4	9				a77° w79°	
5	10					
6	10					
7	10					Light Breeze and Overcast sky regular China Sea weather — five Junks in sight ahead —
8	10					
9	10					
10	10					
11	10					
12	11				a78° w77°	
	211					East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 67° W	211	81	196′	21° 26′	—	—	208′	117° 32′	

Journal from New York towards Hongkong China

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10		N. N. W.			Monday day of Nov 19 th 1860
2	10					This day comes in with stiff breze
3	9					and hazy weather —
4	9					Numbers of fishing boats in sight —
5	9					
6	8					6 PM took a Chinese Pilot —
7	8		N by E			
8	7					Weather hazy and good Breze
9	8					
10	8					10 PM made the land — Hauled
11	9					on the wind on other tack —
12	9					Heavy ground swell on —
1	9					
2	9					4 AM wore ship and stood in for the
3	9					land —
4	9					daylight soon in when made
5	139		20.268 miles			for Lymoon Passage" —
6			by Log			
7						11 AM anchored in Hongkong
8						Harbour with 30 fms Chain
9						so ends Sea Journal
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Harbour Journal Commences afternoon of Monday Nov 19 th 1860

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						day of 18
1						Ranbent all sails & stowed them away, sent down
2						Topgallant - Royal, and Skysail Yards, and
3						unrove most of running rigging.
4						8 PM set Anchor watch — one watch one night —
5						and the other watch the next — watch lasting
6						from 8 to 6 AM — Wind N.E. and Paping
7						Clouds.
8						
9						Tuesday Nov 20 th 1860
10						Passing fine day discharged 125 —
11		F L				bales Duck 43 bbls Bread OSK, & 80 bales Domestic,
12						crew at work stopping up rigging &c and other-
1						wise fitting ship for Sea — Wind N.E.
2						Latter part clear Sky —
3						
4						Wednesday Nov 21 st 1860
5						A. Fine day throughout Discharged 500
6						bales Domestick A A L, B, & 70 bbls Flour W
7						scrubbed paintwork first Part in the afternoon
8						moved ship down about two lengths inside the
9						Man of War line and moored with 45 fms on N E
10						Anchor & 90 fms S.W. Wind during day
11						East to E. N. E. —
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Harbour Journal towards at Hongkong.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Thursday Nov 22nd 1860.

Discharged 250 bbls flour (D Hexagon)

Scott & Beam laid up

42 bbls Bread OS K, & 22 kegs nails & 19 cans copper marked C, I' S. Crew scrubbing the bends and in the afternoon commenced painting ship inside. Wind light from Westward part of the day.

Friday Nov 23rd 1860

James Highland had Delirium at 6 PM yesterday was not on board at 6 AM this morning

J H, came on board at noon

Discharged D 75 bbls Gallego Flour (T Hexagon) 35 bbls Flour, T H, & 22 packages of sundries, M A 300 Cans & 5 cases, B. F. 13 cases, Manne. First part fine painting ship, latter part rainy crew variously employed Wind from Westward & Eastward at intervals

Saturday Nov 24th 1860

A windy day day, - painting ship inside

Discharged D 95 bbls flour H 160 & packages Merchandize B 160 20 packages Merchandize -

Scott & Beam laid up

Winds S. W. & N. E. —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Sunday Nov 25th 1860

N E

Fine day throughout Wind Overland Mail arrived —

Monday Nov 26th

Scott & Wm Beam sick

Weather the day - finished

Discharged J P 160 14 cases (K Hexagon) 162 packages sundries, (C Hexagon) 16 bbls butter D 2 bbls Flour - (D Hexagon) 717 Cans - remarkably fine throughout - wind N E and moderate Painting ship inside —

Tuesday Nov 27th 1860

Fine weather throughout - Wind from N. to N. E. Ship Minnehaha left for Bombay. H M S. Sarpinaux arrived from the Northward — Discharged C I S 200 bbls Flour W 300 Cans, 23 packages sundries, C D L 100 boxes Tobacco, (A Hexagon) 4 boxes (B Hexagon) 2 cases, (I Hexagon) 2 cases, E L 6 pkgs, M A 6 pkgs, E L 6 pkgs —

Beam laid up with fever

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Harbour Journal at Hongkong

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Wednesday Nov 28th/60
Discharged C T's 100 bbls Flour 25 bbls Beef, O S R 25 bbls Beef, O 100 bbls Provisions, & 6 ptcgs to D Thomas F 20 bbls merchandize — a fine day throughout wind N N E to N E. finished Painting outside —

Thursday Nov 29th 1860
A remarkably fine day throughout Wind N.E and light — calm at work clearing up lower decks and scraping masthead &c. Oiled the poop deck with equal mixture of wood oil & varnish — Discharged [O] 100 bbls Flour 98 boxes tobacco [X] 40 bbls Provisions, O.S.R. 25 bbls Provisions 1/2 Bread C T's 25 bbls Provisions —

Friday Nov 30th 1860
Discharged 96 bbls Provisions O, 1 box Beam & Mark tobacco [O] & 14 bbls Syrup [4C] Washing laid up remarkably fine throughout the day — Wind N E to N N E —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

George Brown 2nd Mate was this day discharged from the ships W a Pendleton A B. carrying on the work in his place —

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Saturday Dec 1st 1860
Fine day throughout Wind N E — Discharged 180 cans wine W & A and 183 cans [D],

Sunday Dec 2nd 1860
A remarkably fine day throughout Wind N.E. and moderate nothing of moment occured —

Monday Dec 3rd 1860
Discharged 55 tons of coal Weather fine with light breeze from N E —

Tuesday Dec 4th 1860
Today discharged 60 tons of Coal little or no wind during the day — Ships Comet ~~Capt Jap to~~ Whampoa — Wm Cato A B, & Wm Scott O S, had liberty today for 24 hours —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Harbour Journal towards at Hongkong.

H	K	F	COURSES	WINDS.	LEEWAY.	REMARKS	day of	18

Wednesday Dec 5th 1860.

Fine steady weather throughout and quite warm — discharged 50 tons of coal. Cato & Scott came aboard at 10 A.M. Beam & Boat not able to work — Wain laid up with a fever —

U.S.S. Frigate "Niagara" arrived from Japan 6 P.M. Niagara & Hallock had liberty until 6 P.M. tomorrow evening. Took in 780 pieces of iron kentledge — Ballast —

Thursday Dec 6th 1860

Discharged 63 tons coal, and took in 45 tons stone ballast — and 12 13 pigs iron ballast ships crew hoisting in the latter —

Niagara & Hallock returned in regard, Lynch & Busby went for same length — weighed out 4 tons of coal for ships use —

Friday Dec 7th 1860

Fine Pleasant day throughout took in residue of kentledge making in all 3004 pieces or 1107 tons, and discharged 5 tons of coal the last of the portion of the cargo

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Lynch & Busby returned in time and Coddington & Dan Wain went — for the length of time

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS

total discharged 233 tons — Coal —

Saturday Dec 8th 1860

Took in 43 tons stone ballast (Steward sick) making in all 88 tons besides the iron

107 iron kentledge
70 in ship before
265 tons ballast in all

Coddington & Dan Wain returned — Discharged 2 bbls flour C C Baldwin & one chest R D Hapaje — Two employed in lime washing and cleaning ship of coal dust — Pain & Tiler stevedore's gang at work hoisting ballast in the hold —

Sunday Dec 9th 1860

Fine day throughout. Pain and Tiler returned Nash & Highland went in their place —

Monday Dec 10th 1860

Dan Wain boy — sniping this morning. Discharged 4 cwts coal at noon & Beam turned two) Niagara laid up) Weather fine throughout Wind N.W.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18

Tuesday Dec 11th 1860
Discharged 1700 Pigs lead. Winds
Dragon Wet the greater part of the day -
laid up Churchill & Brown went on liberty - Brown
by Main returned at sundown and Taylor took his
last night place -

Wednesday Dec 12th 1860
Discharged 350 Pigs lead -
In the afternoon steamy "Argyll" came alongside
with tea, cargo from Foochau: wind
N.E. during the day and unusually fine
weather.
Taylor & Warren had Liberty today Churchill
has not yet returned.

Thursday Dec 13th 1860
Fine day throughout took
in 3256 Pkgs tea out of the steamer

Friday Dec 14th 1860
Took in 475 Pkgs. tea -
"Argyll" hauled off at noon -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Remainder of Tea in now 37 Pkgs -
& Ups than bills of Lading call for

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18

crew at work at various jobs of cleaning
and keeping ship clean -

Saturday Dec 15th Discharged 38 pcs oat.
Plank - Wind fm N.E. flawy and
blowing hard at times

Sunday Dec 16th 1860
Highland Mary } Fine day throughout -
Lad Liberty } Cloudy overhead & with moderate NE
wind the greater part of the day -
Ships Steaming homeward ships
boat to attend the funeral -

Monday Dec 17th 1860
Mark & } Discharged 12 oat Plank -
Lads had } making 80 in all - also 11 Bbls beef -
liberty } 5 Part of 23 Bread for De Silver & Co
Weather fine throughout - Wind E.N.E.

Tuesday Dec 18th 1860,
Fine day throughout Wind light
and baffling fm the points of Compass

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18

Wednesday Dec 19th Steamer "Manilla" came
Lynch & Keegan alongside from Foochow with cargo
had liberty for us. Find moderate fresh Westerly
greater part of the day.

Thursday Dec 20th
Lynch & Keegan not on board
this morning Scots 6rd also mate.
Beam. they have all taken their effects
had liberty took in 500 whole chests 2582 half chests
and 438 1/4 chests from "Manilla" completing
the whole of her cargo for us. total
3520. Marked "A A 1 B".

Friday Dec 21st 1860 "Manilla" hauled off at daylight
Hallock & Warren crew employed overhauling, running
had liberty riggings & upper yards now on deck

Saturday Dec 22nd 1860

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18

Coddington A.B. lighter loads & tea ex "Willamette
& Tilton & Burley from Canton A A 1 B 5 6 39 whole chests
boys had liberty tea
3.30 PM steamer "White Cloud" came
alongside with 8552 half chests tea
(A A 1 B - took them in and steamer
hauled off again Wind Westerly -

Sunday Dec 28th 1860
Fine day with moderate
cool weather -
James Highland left ship against
orders - and went ashore -

Monday Dec 24th 1860
Highland & Coddington came
Coddington sick & F on board last night - put Highland
in irons for breaking liberty -
Sent Topgallant & Royal & Skysail
yards aloft & bent the sails, also Fore
topsail & Cross jacks & rove off gear
& running gear
Latter part strong breezes from
East with every appearance of rain

Crew now reduced to 6 able seamen 2 ord's 3 boys

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

of which 1 A B - is sick & another in irons

Journal from Harbour Log towards at Hamptons

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Tuesday Dec 25 Christmas Day -

Pain 1 Cato had liberty in the evening, away at 8.30

Best Part 1st sails and courses - & PM Steamn "White Cloud" came alongside with tug from Canton. took in 2646 half Chests marked A A & 1 B -, steamn hauled off at 8.30

Wednesday - Dec 26th 1860

Pain not on board

Beam & Coddington sick

Let fires and out fires

Rove off the rest of running rigging & hoisted boats on deck & stowed them. and otherwise getting ready for sea -

Discharged 20 cases Copper & 18 Pigs C I S, the last of our outward cargo -

Thursday Dec 27th 1860

Pain a Deserter)

Steamn "Rajah" came alongside with Tea from Foo Chow took in 2058 half Chests 190 marked [E] the rest A A & 1 B & PM steamn White Cloud came along

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

side with Tea from Canton took in 600 whole Chests A A & 1 B. & 88 pkgs silk. hauled off at 6 P.M.

Friday Dec 28th 1860

Steamn "Rajah" hauled off at daylight - Crew employed lashing things about decks and otherwise getting ready for sea -

Saturday Dec 29th 1860

Beam & Coddington still sick

Fine day throughout. with moderate breeze from E E - Unmoored ready for sea - 2 PM slack water picked up the anchor and sailed out under Foretopsail Jib & Spanker and came too again outside rest of the shipping with single anchor and 45 fms chain out. had gang of 10 stevedores to help bring ship out - ships crew numbering but 7 — able to work -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Hartlepool towards St Naughaus,

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Sunday Dec 30th 1860

A remarkable fine day throughout with light breezes from W.S.W. and a hot sun —

Monday Dec 31st

Beam Cod dyer gone & the Cook laid up

Commenced to Paint ships outside a coat of Venetians

Weather windy and thick mist at times

Tuesday January 1st 1861

New Years day

Took in 718 tons of Coals & 60 whole chaldrons of Sea coal Steam Williamette — Finished Painting ships outside, wind moderate from E.N.E. to N.N.E.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of	18

Wednesday Jan 2nd 1861.

Beam & Cod dyer sick one in a Coal ship 10 days ago —

Sea — took in 20 tons water from S.S. Brodwoff's water boat, & took in fresh sea stores from Comparadore —

Thursday Jan — 3rd 1861

Fine warm day throughout, ships waiting cargo by the "Azoff" from "Yochow".

4 P.M. Azoff came in. 5 o'clock Tea from her was alongside, discharging cargo. did not come before 8 — P.M. took the tea in and stowed it by 10 P.M. Friday Noon in 1170 bags — 9 a 1 1/2 ; 9 a 1 1/2 ; took in sea stock of Potatoes 10 1/2 —

Friday January 4th 1861

Ship all ready for sea 7 new hands A.B.s came on board — by 9 A.M.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 78
1			Friday Continued				
2							
3			Made all sail and stood up-				
4			and dropped down with the tide				
5			no wind at all.				
6							
7			11 A M passed Green Island				
8			and here ends my Harbour				
9			Journal.				
10			Sea Journal commencing				
11			Saturday Jan 5th 1861 At-				
12			Noon - two leaves				
1			back.				
2							
3							
4							
5			Names of 7 able Seamen shipped in Albany				
6			John Erwin				
7			Thomas McLean				
8			James Morgan				
9			Henry Gleason				
10			Charles Roberts				
11			John Johnson				
12			Wm Reed				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 78
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from towards
A List of Provisions used on the voyage from
day of 18

H K F COURSES. WINDS. LEEWAY. REMARKS

Bread Stores

Jan	8	1 bbl	Bread	cont'g	109	lbs
	18	"	"	"	101	"
Feb	8	"	"	"	121	"
	16	"	"	"	113	"
March	2	"	"	"	90	" (Pilot) 2 mistake
"	8	"	"	"	107	"
"	23	"	"	"	106	"
April	6	"	"	"	106	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H K F COURSES. WINDS. LEEWAY. REMARKS day of 18

Beef Stores

Jan	8	1 bbl	Beef
"	15	"	"
"	23	"	"
Feb	1	"	"
"	10	"	"
"	17	"	"
"	25	"	"
March	4	"	"
"	12	"	"
"	20	"	"
"	29	"	"
April	6	"	"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Hongkong to New York towards in the "Samuel Russell" day of 18

H K F | COURSES. | WINDS. | LEEWAY. | REMARKS

Pork Stores

Jan. 8	1st	1	bbl
Jan 22	2nd	1	"
Feb 2		1	"
" 19		"	"
March 5		"	"
" 19		"	"
April 2		"	"

Flour Stores

Dec 30	1st	1	bbl	— Flour lasted	22	days
Jan 22	2nd	1	"	" "	17	"
Feb 8		1	"	" "	18	"
" 21					14	"
March 7		1	"	" "	14	
" 21					12	
April 2.		1	"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H K F | COURSES. | WINDS. | LEEWAY. | REMARKS day of 18

Water -

Jan 4	1st	opened a	Cask
" 9	1st	"	" "
" 14		"	" "

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Hongkong towards New York

Saturday day of Jan 5th 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1						Commences with nearly dead calm
2						ship just outside of Bruni Island
3						drifting about with the tide -
4						
5						Taking every advantage of catspaws to
6						draw off past Lamia Island -
7						an English & a Brisnn ship in company -
8			South			Towards evening light breze from N E
9			SW			7 to 8 PM came up with abd papers
10						the two ships in company
11			SSW			11 PM Singting Island bore West -
12						5 miles distant kept off S.S.W.
1						Midnight - good breze from N.E.
2						and swell from Southward
3						Crew all sober & in good condition.
4						
5						Latter Part tapering clouds & good breze -
6						
7						
8			SW			8 A M "Great Sadowa" bore N 20° distant
9	9		SW by S			from which I take a Departure,
10	9		"			Let drg Port Stunsails -
11	9		"			Each with considerable thick mist-
12	9		"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 24° W	96	90	20	21.07			22	113° 22'	

Sunday day of Jan 6th 61

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		SW by S	N.E. to		Thick mostly wet thin and
2	6		SW by S & S	N.N.E.		light baffling winds
3	4					
4	3					
5	1					
6	1		S.E.	N E to		
7	1			N.N.W.		
8	1					Alternately cloudy & clear
9	1		SW by S & S			with heavy dews falling -
10	1					
11	2			West -		
12	2					
1	1					Daylight from clear weather
2	2			N.W.		and smooth sea - two
3	3					sails in sight -
4	3					
5	2					
6	2			North		
7	4					Saw a steam Skaryn bound
8	5					South probably from Coop
9	5			N.N.E.		for Sing apoor -
10	5		S.S.W.			
11	5					
12	5		1½ knot SW current -			a 7 4/4 W Ends pleasant weather -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 33° W	106	89	57	19°38'	19°89'		2'8	112° 26	

Journal from Havachuny towards New Ork

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		SSW	N.E.		Monday day of Jan 7th 1861
2	4					light breezes and fine
3	4					weather
4	4					
5	4			2 days out		
6	4		"			
7	4			E N E		
8	4				a 74° to 76°	
9	4					
10	4					Bright Starlight and
11	5					pleasant weather
12	5			East		
1	5					
2	5		"			Wind canting Southerly
3	5					
4	5			E.S.E.	a 73° to 74°	
5	5					
6	4					Daylight - two sails in
7	4					sight -
8	4		"	East		
9	3					
10	2			E N E		Ends mary calm -
11	2					
12	2				a 83° to 77°	South
	96					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 22° W	96	88.7	36.7	18° 31	18° 30		37	111° 49	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	2		S.S.W.			Tuesday day of January 8 1861
2	1			East		
3	2		SW by S			4 5th Aniversary of the
4	8					Battle of New Orleans
5	7		SW by S ½ S			
6	7			S.E.		This day comes in with
7	8		SW by S			little or no wind and squally
8	8	4	S.S.W.		a 76° to 77°	round homeyn - an iron steamer
9	8	4		E.S.E.		ship & a sailing ship in
10	8	4				sight:
11	8	4				3 PM steers home springing
12	8	4	"			up from Edisonia
1	8	4		E by S		
2	8	4				Midnight wood breeze and
3	9					pleasant -
4	9				a 76° to 77°	
5	8					
6	8		"			
7	7			East		Ends warm weather and
8	7					moderate breeze -
9	7					
10	6					
11	6		368	E by N		
12	6		S by W		a 84° to 79°	South
	164		11.30			East -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 24° W	164	150	66	18° 88	18° 54		66	110° 43	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Jan 9th 1861
1	6		Sby w	SSE		
2	6					
3	6					Fresh weather and light breeze
4	6					
5	5		SbyW ½ W			
6	4					
7	2					Crew variously employed about ship.
8	2			SSE	a77w78	
9	3		"			
10	3					
11	3					
12	3					
1	2					
2	2					Bright starlight and heavy dew falling -
3	2					
4	2		"		a77w78	
5	2					
6	2					
7	2					Ends light airs from N.W and extremely warm
8	2					
9	2					
10	2					
11	1					
12	0		"	N W by W	a88°w82°	
	71					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S8°W	70	6.9	9.	14.46-	14°21'		9	110°84	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Jan 10th 1861
1	1		West -	SSW		
2	1					Comes on with exceeding
3	1		WbyS	South	Find current 9 60' in 24 hrs long -	heat and. handy enough wind to swear by
4	1			SE		
5	1		SbyE	East		4 PM Coast of Cochin China in sight 20 miles on Starboard beam -
6	1					
7	1			NNE		
8	3		"		a81°w80	7 PM light breeze from NE.
9	3			ENE		set Lower & topsail - stunsail
10	3					
11	3					
12	3					ESE
1	4					Latter part hauled to ESE
2	4		"			
3	4					
4	4				a78w79°	Ends. calm and hot -
5	2			SbyE		clouds coming from East -
6	2					
7	1					
8	1					
9	1					
10	1		"			
11	0	4				
12	0	4			a87°w80	
	47					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 6° E	43'	43	4.	13°37'	13.26'		4	109°38'	East

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		SbyE	ENE		Friday day of Jan 11 1861
2	1					
3	2					
4	3			6 days out		Light breze spinnaker up
5	3					
6	3					Sail of Cochin China in sight at sunset
7	3		S½E			
8	3				aSO W 7	Ships carefully attended too
9	3		SbyE			
10	4					
11	5					
12	5					
1	6			NE		Breze gradually freshening all this night
2	7					
3	7					
4	6				a79°W79°	all possible sail set
5	6		S½E			
6	6					
7	6					
8	6					A sail in sight ahead
9	7					
10	7					
11	7					Days pleasant
12	7				a84 W81	
	14					South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 8° E	120	118	17	11 26	11°09'		17	109 85	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		South			Saturday day of Jan 12 1861
2	6					Moderate trades and fine weather
3	6					
4	6			NE		
5	6					
6	6					
7	7					11 PM saw a sail bound South
8	8				a80 W80	
9	7		SbyW½W			
10	7					Good breze throughout
11	7					
12	7					
1	8					
2	8					
3	8					
4	8				à79° W80°	
5	8					Days pleasant weather generally
6	8					
7	8					
8	8					
9	7					
10	7			NNE		
11	7					
12	7				a84° W81°	
	170		770			South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 15° W	173	168	45	821	8°19		45	109.10	

Journal from Honolulu towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Jan 13 1861
1	7		SbyW½W	Fly &		
2	7					Moderate breeze and
3	7					fine weather
4	7			Stays out		
5	7					
6	7					
7	7				a81° w81	Passing quantities with
8	7					feeble flashlightning
9	7½					
10	7½					
11	8					
12	8					
1	8					
2	8					Good Breeze
3	8					
4	8				a79° w80	
5	9					
6	9					
7	9					Less fine traces
8	9		SbyW			
9	9					
10	9					
11	9					
12	9½					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					South			East	
S15°W	190	183'	51	5°16'	5°23		51	108°19'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Jan 14 1861
1	10		SbyE	NNE		
2	10					Cloudy and good breeze
3	10		SSE			
4	10			NE		Made the South Saturnas
5	9		SbyE			bearing SEbyS. find a
6	9					strong Westerly current
7	10		South			
8	7		SSW		a82°w81°	5-20 passed Saddle Island -
9	8					a sail in sight ahead
10	8					
11	9					
12	9		SWbyS			
1	7		SSW			Squally appearances to NW
2	6		SbyW			
3	6		South			
4	6				a81°82°	Passed an English shut going
5	6					same way
6	7					
7	7					
8	6					Latter part cloudy -
9	6					
10	6					
11	6					Spoke Jubd ship, set Studdingsails
12	6				q8°w82°	

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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					South				
S5°W	178	177'	16'	2°26'	2°13		16	108°08	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		Sby W	Unit		Tuesday day of Jan 15 1861
2	3					
3	3			10 days out		Cloudy with light-
4	3					rain squalls at times
5	3					
6	4					
7	4					
8	4			a 81 W 82		
9	3					
10	3		S½W			
11	3					
12	3					
1	3		South			2 PM made Saddle Island
2	3					on Starboard beam-
3	3					
4	3			a 80° W 82°		Daylight- Tambelan & Camil
5	2					hunap in sight-
6	2					
7	2					
8	2		SbyW			St Espirit Isles in sight-
9	2					
10	2					
11	2		SbyW½W			
12	2					
	67					Unit

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 8° W	67	66	9	1°07	1°01'		Long by Land	107° 13'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		S.S.E.	North		Wednesday day of Jan 16th 1861
2	3					
3	3		SE			Light- Baffling airs, and
4	3					current in our favor
5	2		SbyW½W	NNE		ship between St Espirit-
6	2					and Tambelan Islands
7	2		SbyE			
8	2				a 83 W 83	
9	1					
10	1			NE		1 30' PM made St Barbe on
11	2					Starboard bow-
12	2					
1	2			NNE		& PM up abreast of it-
2	3					
3	3			North		
4	3				a 82° W 82°	Latter part light baffling airs
5	2					from West to NE with
6	2					sharp rain squalls - at 8 PM
7	2					
8	3					from St Barbe bore SbyW 2
9	3		South			miles dist-
10	3					three sails in sight-
11	3					
12	3				a 86° W 86°	Strong current to SSW
	60		1271			East-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 13° E	52	51	11.	6' N	15' S		11	107°24	107°18' Land

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Jan 17 18 61
1	1		South	West		Light airs from Westward
2	1					
3	2					
4	3			South		8 sails & a steamer in sight-
5	4					
6	2			all round		5 to 7 rain & baffling winds
7	3			Compass		
8	3					Let Coddington to work, has been laid up since
9	3		S½W	South		Dec 22nd from the effects of a "Bust"
10	4					
11	4					Light Breeze throughout
12	3					the night-
1	2		S½W			
2	1					
3	3			S W.		
4	3					
5	4					Was cloudy and little
6	4					wind -
7	3					
8	2					
9	2		S by W			
10	2					~~Reached Latitude~~ ~~Longitude~~
11	2			West		~~Observed~~
12	3					Strong S E Current-
	61			South		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 5° W	64'	63'	5'	1°19'	1°28'		5'	107°13	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Jan 18 18 61
1	4		S by W ½ W	West		Light Breeze from Westward
2	4		S S W			crew overhauling gear adapt-
3	4			N NW		
4	4					
5	4			North		
6	4					
7	3			all round		
8	2			Compass		
9	2			West		
10	0					Middle part Dead Calm-
11	0					
12	0		Dead' Dead"			
1	0		Calm -			
2	0					Daylight Barbar Island
3	0					by night - on weather bow -
4	0					ship clear on the wind
5	2		S S W. West			
6	3					
7	4					Down it bore W. 18 miles kept off
8	4					for Stolts Channel
9	4		S by W ½ W			
10	4					
11	4					
12	4		S S W.			
	80			South.		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 21° W	38'	35 4	20	2°22'	2°26'		20		107°22' Land

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		a SW	S & E		Saturday day of Jan 19 Lt 78 61
2	4					
3	4		SW by S & S	E		Comes in with light airs and slow current setting us down through Stolls channel
4	4					
5	2			South		
6	2					
7	2		South	S by E		
8	0		~~South~~	to	a 82° w 87°	
9	3		S & E			Midnight - out in java sea
10	4		South	S by E		
11	4					
12	4					SW hauled up SW
1	4					
2	4					
3	4					
4	4				a S1° w 84°	Heavy rain squalls from the South -
5	3					
6	3			hauling		
7	3		SW	about		
8	3			first one		
9	5			right other		Less light airs and
10	3		SW by S	the other		rain
11	2					
12	2					
	77					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 16° W	73'	71	20'	3° 37'				107° 42'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	0					Sunday day of January 20 Lt 78 1861
2	0		Dead Calm			Comes in with dead Calm - with hand lead on bottom and ship drifting to SE about 1½ mile pr hour -
3	0					
4	2		S W	N NW		
5	2			to		
6	2			N E		
7	1					
8	1			W NW	a S1° w 84°	Fast Part light air from NW
9	1					
10	1					
11	1					Saw Bird squalls working up from SW to NW with sharp lightning and rain -
12	3					
1	3					
2	4					
3	6			Fast		
4	5		SW ½ S	W NW		
5	3		S S W			
6	3					
7	2					Less light airs and cloudy -
8	1					
9	1		S W			Observed same current setting to SE
10	1					
11	2					allow 36' SE for it -
12	3		SW by S		a 88° w 85°	
	48			15-20		South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 8° W	64	62	5-	4° 89'	4° 34'			107° 37'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		SW	N E		Monday day of Jan 21 1861
2	6					This day comes in with squalls
3	2			NW		from N E wind hauling to NW
4	2					afterwards
5	2		SW by S			
6	2					
7	2		SW by S ½ S to NW			
8	3				S 81° W 84	11 P M took SW wind in
9	4		SW by S			a squall.
10	3					
11	2					Midnight tacked ship to NW
12	3		S S E	SW		
1	6		W by W			
2	7					Daylight - 2 sails in sight
3	7		NW by N			
4	7			SSW	S 82° W 84	6 A M tacked to Southward
5	6		NW ¾ W			
6	6					(now
7	5	4	S ¾ E	W S W		Made the North watches on Watch
8	5	4				
9	5		S ½ E			
10	5					at Noon it Bore SW ½ W 10 miles
11	6		South			
12	6					
	121					South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 50° W	72'	46'	55'	5°20'	5°05'			106°42'	106°38'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		S by E	W SW		Tuesday day of Jan 22nd 1861
2	7					Comes in with good SW buoy
3	8					
4	8					Saw the Armyadin Shoal
5	8					on lee bow & Brazen Drooglé Rock
6	8		N W	SW by W		
7	9					5 P M close in to Thousand Islands
8	9			to		tacked to NW a bargue also
9	8					bearing us
10	8		S W ½ W	W S W		
11	8		S by E			9 P M tacked to Southward
12	9					12 M " " NW
1	8		NW by W			2h 30 A M " " Southward
2	0					6 A M " " NW
3	7		S by E			9 " " Southward
4	7					
5	7					Good working buoys all night
6	6					Daylight Cape St Nicholas NNW
7	6		NW ½ W			& our ships bearing us
8	8					
9	8					Ends good buoys - ships standing
10	8		S ¾ E			in for Cape St Nicholas
11	8					
12	8		South ½ W			From "Bretton" bore SW by W 1F

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		Sby W			Wednesday day of Jan 23 1861
2	8			N Lee		This day comes in with good
3	8		S by E			working breeze - ship standing on
4	8					to Sumatra shore -
5	8					At PM abreast of Anjier set our
6	8					colors & numbers, which is to be
7	6		West			reported -
8	7					
9	4		West			First Part wind light with many
10	3		S. W.			squalls and sharp thunder &
11	2		South			lightning
12	1					Midnight - ships ships close on
1	8		SSW	West		to other shore between Hog Point
2	8					& Lebotto Isle - stood to Southw
3	8					
4	8					Daylight - Krockatoa Peak bore
5	8		SWbyW			West -
6	6			Jon & Lean		
7	7		SW & W	& Johnson		Good breeze & favorable tide
8	7			laid up -		
9	7		SWbyS	W. NW		Noon ships in Princes Channel
10	6					Java Head bearing S by W
11	6					8 miles -
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		SSW	W.N.W		Thursday day of Jan 24th 1861
2	7					
3	6			N	19 days out	Got anchors - on Lorcastle
4	8					and stowed them
5	3		SbyW	West		
6	3					Java Head in sight at dusk
7	1		S ½ W			
8	3				N82W85	First Part bright moonlight
9	2		SSW			and light winds
10	2		S.E.			
11	2					
12	2					Middle Part wind very baffling
1	1					
2	1		South	W SW		
3	2					
4	2		SbyW			Latter part shadier & strong
5	2		S.S.E.	SW		from SW.
6	8					
7	4		SbyE			All sail set to very best
8	8					advantage
9	5		SSE			
10	5					Johnson & McLean at work
11	5					
12	5		2666			South East
	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 9° E	77	76'	4'	8.01	7°36		4	105°08'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		South	West		Friday day of Jan 25 18 61
2	7					
3	7			to		Moderate breeze and fine
4	7			N.W.		weather —
5	7					
6	7					
7	8		S ½ E			
8	8				a83° w84′	Set Port head sea rolling
9	8					up from S.W. took in
10	8		S ½ W			Skysails & Main R. Staysail
11	8					
12	8					Pump carefully attended to
1	8					
2	8					
3	8			West —		Morning watch ship Pitching
4	8				a82° w83°	heavily into a head sea
5	7		S by W ½ W			took in Royals & M.S. staysail
6	7					
7	7					
8	7					
9	7			W by N		10 A.M. tremendous head sea on decks
10	7					all afloat — took in J. Gall sails
11	7					and J. Jib —
12	7					Saw Christmas Island on Port
	178					Horizon ahead —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 86° W	177	175	19.	10° 31′	10° 21′		20′	104° 48′	105° 13′

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		S.S.W.			Saturday day of Jan 26 18 61
2	7			N.N.W.		
3	7					This day commences with not
4	7					much wind but a tremendous
5	7					head sea from S.S.E. & Ship
6	7			W.		decks full of water
7	7	4				2 P.M. set Main T.G. sail & Carry[illegible]
8	7	4			a86w81	5 " took them in again & made
9	7		S by W	N.N.W.		rafted My topsail & having reefed
10	8					above the reef —
11	8					Bill of Health for Port Walch
12	8					Coddington, Lame Ancle
1	8					Mc Lean " Leg
2	8					Marsh " Hand
3	8		W by S ½ S			Roberts " Side
4	8					Johnson " All over.
5	7					Archin Brown M. D.
6	7					
7	7					Made all sail we can wind well aft
8	7					sea gone down a great deal —
9	8					
10	8					Was cloudy and good breeze
11	8					
12	8				a88° w82°	South East
	190					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 88° W	177′	146	100	12 46	12° 51′		101.	105° 82′	

Journal from Hongkong towards New York

Sunday day of Jan 27 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W S W ½ W			
2	8			N N E.		
3	7					Fine weather and
4	7					good breeze - small
5	6					head sea still on -
6	6					
7	6					Mended Fore & Main topmast -
8	6				a82° w82°	staysails
9	5					
10	5					
11	5					
12	5					
1	5					Throughout the night -
2	5					fine pleasant weather
3	5					
4	5			N E.		Morning watch set Port
5	5					Lowersails - Fore T. G. also
6	5					bending a new main T. G-
7	5		S W			sail, said -
8	6					
9	6		S W by W			
10	6					
11	5					End fine pleasant weather
12	5				a90° w82°	all sail set -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
				South			East		
S 64° W	136'	59'	122'	1° 56'	1° 48'	-	124'	101° 28'	

Monday day of Jan 28 18

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W. & W.			
2	8			E N E		Comes in with moderate
3	8				23 deg out	Easterly breeze and
4	8			to		fine weather -
5	8		"			All possible sail set
6	8			East -		
7	8					
8	8				a82° w81°	
9	8					
10	7					Bright Moonlight and
11	7		"			pleasant weather
12	7					
1	7					
2	7					
3	7					Ends good breeze - and
4	8		"		a81° w82°	pleasant -
5	8					
6	8					
7	8					
8	8		"			Pump carefully attended
9	8					to
10	8		"			
11	7					
12	7					

27 19

158

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
S 68° W	158	60	145	14° 49'	14 31		148	99° 00	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Jan 29th 1861
1	8		W.S.W			
2	8					
3	8			East-		Comes in with good breze and clear cloudy
4	8					
5	9					
6	9					Crew at work overhauling Lifts Topsails Blocks &c aloft-
7	9		W. by S.	S½S		
8	9				a80 w79	
9	9		" "			Saw a barque standing to the Northward
10	9					
11	10					
12	10					Moon on the full - partially obscured by clouds
1	10					
2	10			East-		
3	9		"			
4	9				a79 w79	Latter Part cloudy and stormy breze.
5	9					
6	10					
7	10					
8	10			"		
9	10		"			
10	10					
11	10			"		
12	10				a82° w81°	South East-
	223					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in 84	Lon. by Ob.
S76°W	222	53'	216'	16°24	Same	Same	222	98°88	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Jan 30th 1861
1	10		W by S			
2	10			E.S.E.		Strong trades and Cloudy
3	9				2 Sr days out-	
4	9		"			
5	9					
6	9					
7	9					
8	9				a80 w80	
9	9		"			Raining rain squalls
10	9					
11	9					Wind gusting to East- at times
12	9					
1	8			SSE to East-		
2	8		"			
3	8					Days Work cloudy weather No observations - to presume rain squalls -
4	8				a78 w79	
5	8					
6	9		"			
7	10					
8	8					
9	8	4		East		
10	8	4	"			
11	8	4				
12	8	4	"		a81°w80°	South East-
	211	4				

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in 92	Lon. by Ob.
S79°W	211	41'	207'	16°05	Same	—	214	92°04	

Journal from Hongkong towards New York

Thursday day of Jan 31 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W ½ S			
2	8					
3	8			E by S		Strong breezes and rolling sea -
4	8					
5	7					
6	7		W by S			6 PM Main Topsail shift (old one) bent another.
7	8			W		
8	8				a 7° W 80'	
9	9					Man sick John Erwin
10	9					
11	9			E by S		Cloudy and passing squalls of hail -
12	9					
1	8					
2	8					
3	8					
4	8				a 7° W 80'	Latter part rain clouds disappearing - sun out again
5	9					
6	9		W ½ S - 6 30			
7	9					
8	10					
9	10					
10	10					
11	9					
12	9					
	205					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 76° W	205 -	49'	199		17° 48'	½ W 10	207	88° 37'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9	4	West -	East -		Friday day of Feb 1 1861
2	9	4				
3	9	4				Fine trades and pleasant weather
4	9	4				
5	9					
6	9		"	"		Sent a new Topgallant Stunsail & set at Starboard side. & set Topgallant Stunsail for Starboard M. Watch
7	9	4				
8	9	4				
9	10					
10	10					
11	9					
12	9					
1	9		"	"		Cloudy and good breezes throughout - ship rolling some. -
2	9					
3	9					
4	9					
5	8					
6	8		"	"		Latter part moderating some -
7	7					
8	7					
9	7					Pumps carefully attended to
10	7			"		
11	7		"			
12	7					
	207		35-61	South		East -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° W	207	40	203	1823	18° 19'	12° W	213	88° 04	

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		West			Saturday day of Feb 2nd 1861
2	6			East		
3	6					Moderate trades and
4	6					fine weather
5	5					
6	5					
7	6			"		
8	6				abt WbS	Passing clouds through
9	6					the night
10	6					
11	7					
12	8					Moon rose at 10h 45' P.M.
1	8					
2	8					
3	8			"		
4	8				abt WbS 2°	
5	8					Had good breeze -
6	8					
7	8		W ½ N			cleaning paintwork
8	8					
9	8			"		
10	9					
11	9					
12	9					
	172					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
					18° 34'		17 S.	82° 18'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W ½ N	S by S		Sunday day of Feb 3rd 1861
2	8			do		
3	8			S by W		Comes in with Moderate
4	8					trades and fine
5	8					weather
6	7		"			
7	7					
8	7					
9	7			"		8h 30' P.M. shifted Lower Mizzen to
10	8					Starboard
11	8					Passing clouds
12	8					
1	7	4	"			All sail set,
2	7	4		"		
3	7	4				
4	7	4				Bent a new lower Mizzen
5	6					set it Port side
6	7					
7	7					
8	7					Tried Compass greatly
9	7					in error none of them being
10	7					alike. Ships making no southing
11	7					in 1½ pt variation.
12	7					
	179					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
					18° 39'			79° 10'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		W½N	S½E		Monday day of Oct 4th 1861
2	8					
3	8			S½E		
4	7					Same fine weather
5	7					and Moderate trades
6	7		"			
7	8			"		Cum - pass Eastward -
8	8				a82°w82°	
9	8					
10	8					All sail set to best advantage
11	9					
12	9					
1	9		"	"		Pumps carefully attended to
2	9					
3	8					
4	8				a80°w81°	
5	7					
6	7		"	"		Ends same -
7	7					clamy anchorage
8	7					Warm -
9	7					
10	7					
11	7		"	"		
12	6				a92°w84°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S79°W	176	34'	173'	19°13'	19°09'	1½ NW	182'	76°08'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		West	S½E		Tuesday day of Feb 5 1861
2	6					
3	6			E		Moderate trades and
4	6					fine weather
5	6			East		
6	6					C P B set Mainsail & Staysail
7	6	4				
8	6	4	"	"	a81°w82°	
9	6		"			
10	6					Fine Pleasant weather
11	7					throughout
12	7					
1	7			"		
2	7	4				Saw a sail on Port
3	7	4				Quarter
4	7	4			a80°w82°	All possible sail set
5	6		"			
6	6			"		
7	7					I was Paying clouds & fine
8	7					weather
9	7	4				
10	7	4	"	"		crew variously employed
11	8	4				
12	8	4			a88°w85°	
	162		4249			South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S79°W	162	47	158	19 56	19.81	1½ W	168	73°25	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of Feb 6th 1861
1	6		W ½ S	East		
2	6					
3	6					This day comes in as usual fine weather & so forth crew at work on various jobs incidental a homeward passage
4	6		"			
5	6					
6	6					
7	7					
8	7				a81° w81	
9	6		"			Fresh East gradually as homeward
10	7					
11	6					
12	7			S SE		
1	7			to		
2	7		"	S E.		
3	7					
4	7				a79° w79°	Morning watch passing squalls
5	7		"			
6	7					
7	7		"			
8	7					Ends fine again all down
9	7					have disappeared
10	7		"			
11	7			"		
12	7				a86° w81°	
	162					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 67° W	161	62	150	20° 33'	20° 15'	1½ W	188'	70° 47'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Feb 7th 1861
1	7	4	W ½ S			
2	7	4				This day comes in with
3	8	4		E SE.		heavy squalls from NW -
4	8					
5	7	4				
6	7	4	"	E		Very weather throughout
7	9					Cleaning windlass, and
8	9					anchors.
9	9			S by E		
10	8		"	"		
11	9					
12	9					Wind varies Each activity -
1	8			"		Good Bright and Squalls
2	8					disappeared in a measure
3	8					
4	8		"			
5	9			S SE		Latter Part fine bright
6	9					ship rolling heavy
7	9					all advantageable sail set
8	8		West			Passing Squalls -
9	8	6				
10	8	4				
11	8	4		S by E		
12	8	4				
	202					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 67° W	202	77'	185	21 32	21° 16'	1½	197	67° 30'	

South East

Journal from Longkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Friday day of Feb 8 th 1861
1	8		SW½S	E by S		
2	7					Fine breezes and pleasant
3	7					weather ship standing about
4	6			"		some
5	7		"			clearing windlass &c
6	7					
7	7					
8	8				a81 w82	
9	8		"			First Part Passing Clouds
10	8			"		
11	7					
12	7					Middle Part pass. squalls
1	7		"	E SE		
2	6					
3	8					
4	8			E by S	a81 w81°	Daylight saw a sail on
5	8		"			Starboard bow. fine weather
6	8					throughout
7	7					
8	7					
9	6		"	"		
10	6					
11	6					
12	7		West	"	189 w82°	
	173					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 78° W	173	80'	166.	22°08'	22°16'	1 pt W	177'	64°93	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Saturday day of Feb 9 th 1861
1	8		W½S	E by S		
2	8					Good breezes and smooth
3	8					water
4	8					
5	7					
6	7		West	E SE.		
7	8					
8	8					Wind varying occasionally
9	7		"			making it taking in Forward
10	8					aft Canvas to best
11	9					advantage
12	8					
1	8	4	"	S by S		
2	8	4				
3	8	4				remarkable pleasant weather
4	8	4			a80° w81°	
5	9		"	"		
6	9					
7	8					Ends good breeze and fine
8	8		"			weather
9	9			"		
10	9					Pump carefully attended to
11	9					ship making about 4 inches a
12	9					week
	207			4993	a88° w81°	Last

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 78° W	207	44	200	23.00	23 02	1 pt W	216	60°57	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		W ½ S	E by S		Sunday day of Feb 10 at 8 61
2	9					Cloudy and stormy Bruce
3	9					
4	9					all possible sail set
5	9		"			Gave iron work of windlass a coat
6	9					of red lead
7	9					
8	9				a81° w81'	10 PM Lower starsail Halliards
9	9					parted rigged in the boom & sent
10	9		"	"		them - set sail again -
11	9					
12	9					
1	9					Middle part paying rain
2	8					squalls -
3	9			"		
4	9				a79° w79°	
5	10					Strattis paying to S.E.
6	10		"			
7	10					
8	10					Ends stiff Bruce and some
9	10		West			sea on - ship rolling along
10	10			"		finely
11	10					
12	10			"	a88° w81'	Saw a Bague bound South
	223					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 71° W	223	71'	211'	24° 11'	24° 17'	1¼ NW	230	57° 07'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		West			Monday day of Feb 11 at 18 61
2	8					
3	9			East		Fine trades and passing
4	9					clouds with rolling
5	8					sea from Eastward
6	8		"			
7	9					Let Starboard Lower & Fore
8	9				a80° w80°	topmast-stunsails
9	9					
10	9					Midnight - wind Flaw -
11	9		"			
12	9					
1	9					
2	9					
3	9		"			Latter part good trys &
4	9				a78° w79°	weather -
5	9					
6	9			"		
7	8		"			Set up Main backstays both
8	8					sides -
9	8	4				
10	8	4				
11	8	4	"	"		
12	8	4			a88° w81°	
	208				South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 76° W	208	50	201'	25° 07'		1¼ W	221	58° 26'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		West-	East-		Tuesday day of Feb 12th 1861
2	7					
3	8					Pleasant weather bent a bitter mainsail & the stormsails
4	8					
5	9		W ½ N			Spoke ship "Edward" 12 days
6	9					out from Penang bound to
7	9					Boston
8	9		West-	E ½ N	a79 w79	
9	9					
10	9					Pleasant weather wind
11	9					canting ½ pt Northerly
12	9		W ½ N			
1	8			"		
2	8					
3	8					Went on allowance of water
4	8		"		a79°w79°	for 1 day - 30 Gals used a
5	7			"		day -
6	6					
7	6					
8	6		"	East-		Ends light weather and
9	6					warm -
10	6					
11	6		"			
12	6				a89°w81°	South East-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S78°W	179'	S.1	172'	25°-58	26°27	1¾ W	189	50°17	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		W ½ N	S ½ E		Wednesday day of Feb 13th 1861
2	6					
3	6					Comes in with clouds weather
4	7					and wind flaws -
5	7					
6	7					Last dog watch squally from
7	6			SE ½ E		SE. Set Sail & took in sail gleam
8	6					but Starboard Tack otherwise
9	6					
10	7			S ½ E		First Part cleaning off main
11	7					sail on Port side -
12	8					
1	8		"			
2	8					
3	8					Daylight a sail ahead
4	8					on weather quarter -
5	8					
6	8					Ends stiff breeze & heavy sea
7	9					running -
8	9					
9	10					
10	10					
11	10		"			
12	10			S.78S-		South East-

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S73°W	182'	58	174	27°20	27°21	2 W	194'	47°03'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of Feb 14th 1861
1	10		W½N	E by S		
2	10					St Valentines Day
3	10				40 days out	
4	10		"	"		Strong breezes & passing clouds
5	10					set up Topgallant rigging
6	10					both sides —
7	10					
8	10				a78°w80°	
9	11			"		
10	11		"			Strong Breeze throughout
11	11					
12	11					11 A.M. coming up squalls from W.S.W. at intervals & Rain
1	10			"		
2	9					
3	8		"			
4	8			"	a76°w75°	½ past 4 P.M. set this again — moderating down —
5	9					
6	10		"			
7	10					
8	10			"		Set up Main Topmast rigging
9	10		"			both sides —
10	11					
11	11			"		Encountered Strong Breeze again and
12	11		"		a79°w78°	flying very fast —
	242				South	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S79°W	242'	70	232'	28°31'	28°42'	2½W	262'	42°41'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of Feb 15th 1861
1	10		W by N	E by S		
2	10			½		Strong breeze and pleasant
3	10		"	E S E		weather —
4	10			"		Set up Mizzen topmast Stay
5	10					& Gaff rigging
6	10					
7	9			"		
8	10		"		a77°w77°	
9	10					First part fine weather —
10	10			"		
11	11					
12	11					Midnight squalls to South
1	10					& lightning to Northward.
2	9		"	"		
3	9					
4	8			"	a75°w77°	
5	9					Set up Main T.G. rigging
6	10					
7	9			"		
8	8		"			Carried away employed
9	8					
10	8			"		
11	8					Does passing fine weather clouds
12	8		"		a85°w86°	
	215				South	East —

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S76°W	215	52	208	29°34	29°40	2½	236	38°45	

Journal from Longkong towards New York

Saturday day of Feb. 6 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		W by N	E SE		
2	8					Moderate breezes and fine weather at up main T.G. sail
3	8				42 days out	
4	8		"			carry at work on serving off rigging
5	8					with aloft -
6	8					
7	8					
8	8				a77°w77°	
9	8					First part pleasant moonlight -
10	8		"			
11	8					
12	8					
1	7					
2	7					
3	6					A AM at Starboard Studdsails -
4	6		"	E by S	a77°w77°	
5	6					
6	6					Breezes warm - cloudy pleasant
7	5		"			
8	5					
9	5					Wind gitting light - pleasant
10	5					weather
11	4		"			
12	4				a86°w81°	South East
	162					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S76°W	162'	40	157'	30°20'	31°25-	2¼	180'	38-45-	

Sunday day of Feb 17th 61

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	4		W by N			
2	4			E by S		
3	3					Light airs from Eastward
4	3					and swell rising from
5	2					Southward -
6	1					
7	0	4				
8	0			SE.		
9	1		W by N½N			Midnight dead calm - with
10	3					Bank to Southward -
11	0					
12	0					Mid watch took in Staysails
1	0					all Studdsails but Lower &
2	0					Topgallant on Port side.
3	5					
4	4					Brazen up - Commenced Steering
5	3					sail /
6	7					8 PM took in TG sails & hand
7	7			SSE		spanker & double reefed topsails
8	8					blew away main topmast Staysail
9	7					& my topsail bent a new topsail
10	7					
11	7		W by N			
12	7					Seas moderating -
	84			6488		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S77°W	85'	19	83	30 44		2½ E	96'	34°09'	

Journal from Hongkong. towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of Feb 18 18 61
1	8		W by N	South		Comes in with brisk breeze and
2	8			"		clearing up weather considerable
3	8					Sea on -
4	8			S.S.E.		10 AM one reef out of M. Topsail & set F. & J. sail -
5	8					
6	8					
7	8					Sent new Main topmast - Staysail
8	8				274° W 77°	First part bright moonlight -
9	9		W ½ N	"		wind moderating slowly turned
10	9					all reefs out of F topsail
11	9					
12	9		West -			Let Jon & Jury J & sails whole & my
1	9					topsail
2	8					
3	8					
4	7				272° W 78°	Morning watch stiff Breeze and
5	7					pleasant looking weather
6	8		W ½ N			
7	9					
8	9					Decks same -
9	9					
10	9					
11	10					Pump carefully attended to -
12	10					
	203		South			East -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in ½	Lon. by Ob.
S 68° W	203	76	188'	S 200.	31° 34'	2 ½ E	2' 17'	80° 33'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		W ½ N	SE		Tuesday day of Feb 19 th 1861
2	9					
3	9				4 days out	Fine pleasant weather again
4	9			E.S.E.		set Port stunsails and skysails
5	8					Cloudy and good breze hauling
6	8					back to Eastward
7	7					
8	8				a 72° w 7°	
9	9					Began bank of clouds to NW and
10	9					the land -
11	9					
12	9					
1	9					Daylight - made the coast of
2	9					Africa ahead Starboard beam
3	9					20 miles off -
4	9					
5	9			R by S	a 71° w 7°	
6	9					Crew employed at various jobs
7	9					
8	10					
9	10		W by N			Noon - in Latitude of Algoa bay
10	10					Land bears North 17 miles distant
11	10					
12	10		W by N ½ N		a 78° w 67°	
	216					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 63° W	216	97′	192′	33°11′	33°59′	9 W	229′	26°44	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Feb 20 th 1861
1	11		W.N.W.	E.S.E.		
2	11					Comes in with light Variable
3	11					Breze ships on Sounding
4	11					
5	11					Irwin laid up.
6	11					
7	11					
8	11			"	a 7° to 68°	
9	12					First Part bright Moonlight
10	12					
11	12		"			Latter part took in Lower Studsails
12	12					Tacks & Upper Royals & Skysails
1	12					
2	12					
3	12					
4	12			"	a 6f° w 6°	Daylight - Land in sight again
5	12					
6	12					
7	12					Winds Moderating some,
8	12					
9	12					
10	12					
11	10					
12	10				a 77° w 66°	
	276		7183		South	East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 79° W	276	S 4	271	34°S′	34°54	9 W	822′	21° 22′	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	3		NW by W	S &		Thursday day of Feb 21st 1861
2	3					This day comes in with thick mist-
3	4					the land just in sight through
4	4					it
5	4					very heavy dew or mist - all hands
6	4		WNW	S.W.		decks pretty well wet at 8 PM
7	4					8 PM wind hauled SW braced
8	5				a68° w67°	up & set fore & aft Canvas & Part
9	5					top mast studsail
10	5			South		
11	5					
12	5					First Part bright moonlight / then
1	4		NW by W	S SE		mist - wind hauling back to Eastward
2	4					
3	5					Passed through belts of white water
4	5				a66° w67°	
5	5			S.E.		
6	5					Daylight thick mist no land in sight
7	6					though close to it
8	6		NW½W			
9	6					Wind same. Sea no
10	6					
11	5					Current sea at all - ship not
12	5				a79° w63°	making much as much as she is logged

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S88° W	113'	4 -	112'	34° 58'	35.05 -	9 pts	137		

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NW	SSE		Friday day of Feb 22nd 1861
2	7					
3	7				48 days out	Washington's Birthday !!!
4	8		NW ½ ½ hour			Comes in with thick mist -
5	8		NW by N			all round - and heavy dew
6	9					falling
7	8					
8	9					
9	9		"	SSW by S	a68° w62°	
10	9					
11	9					First Part strong Breeze
12	9					and flying Squalls Latter Part very squally
1	8					
2	8					
3	8					
4	7		"		a63° w61	
5	7					Set all Sail's both sides
6	6					
7	6					
8	6					
9	6					
10	6					
11	6		"	"		
12	6				a71° w69°	South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N69° W	173'	62	161'	34° 0 3'	Same	2 -	192		

East -

Journal from Hongkong towards New York

Saturday day of Feb 23 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		Mid N	South		
2	6					Cloudy weather wind variable to Southward & Westward took in all Starboard Studsails
3	6					
4	6			SSW		
5	6		"			
6	6			South		
7	6					
8	6				a 69° w 69°	Bright Moonlight —
9	6		"			
10	6					11 A M wind hauling to W. Square yards & set Starboard Studsails lower Studsail got in water in hoisting it carried
11	5					
12	5			SW.		
1	8					
2	8		"	SW		broke Jawyard off in the sheavehole.
3	8					
4	8					
5	5			South		
6	6		"			
7	6					Carpenter at work fitting new Jaw yard from Spanker boom Yard on deck
8	6			SSE		
9	5					
10	5		"			
11	5			S.E.		
12	8				a 77° w 71°	South
	128					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
W 67° W	122'	47	113'	38° 16	Diff	8 —	135	15° 30	East

Sunday day of Feb 24 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		N.N.W.	SSE		
2	8				50 days out	
3	8		"			Light Breze and fine weather —
4	8					
5	5			South		
6	6					
7	7					
8	7		"		a 70 w 70	First part brilliant moonlight —
9	6					
10	6			"		
11	6					Passing Clouds & fine weather
12	6					
1	7					
2	7		"			
3	7					
4	7				a 69° w 69°	Latter part clouding up and
5	6			"		
6	6					breeze freshening from South
7	6		"			
8	6					
9	7					
10	7					Pump carefully attended to —
11	7			"		
12	8				a 74° w 71°	South
	144					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 54° W	144'	91'	111'	31° 47'	31° 37	2½ W	132'	13° 18'	East

Journal from St. Johns towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Feb 25th 1861
1	9		N.NW.	SbyE		
2	9					Cloudy and passing
3	9	4				rain squalls.
4	9	4				
5	10					
6	10		"			
7	10					First part bright Moonlight.
8	10				a6o w7o	much clouds -
9	10					
10	10					
11	10					
12	10					
1	10			South		Latter part clear.
2	10		"			
3	10					
4	10				a66°w68°	
5	10					Daylight a sail much on
6	10					Port quarter -
7	10			"		
8	10		"			
9	10					Crew saying off & fresh ngrs.
10	10					Lanyards &c &c &c &c &c &c
11	10			"		
12	10					
	237					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S1°W	237	150	183'	29°07'	29°14	2½	212	9°40'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Feb 26th 1861
1	9		N.NW.	SbyE		
2	9					Good Breeze and dowdy
3	9					
4	9					
5	9					
6	9					
7	8			SSE		
8	8				a6s w7o	
9	8	4				Bright Moonlight - Squally
10	8	4				cloudy spells -
11	7		"			
12	7					
1	7					
2	7			"		Sent up Main topmast Studsail
3	7					boom Starboard side & rec the sail
4	8					carpenter at work on new fore yard
5	8					
6	7					
7	7					Irwin still laid up with
8	7			"		Dysentery (bad case)
9	7					
10	7					
11	7					
12	7				a7s°w7½°	
	189					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S45°W	189	134	134	27.00	27°17'	2 -	151	7°05	

Journal from Ks. Spring towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of Feb 25th 1861
1	9		N.NW.	SbyE		
2	9					Cloudy and pleasing
3	9	4				rain squalls.
4	9	4				
5	10					
6	10		"			
7	10					First part bright moonlight
8	10				a66 w70	with clouds -
9	10					
10	10					
11	10					
12	10					
1	10			South		Latter part clear.
2	10		"			
3	10					
4	10				a66°w68°	
5	10					Daylight a sail ahead on
6	10					Port quarter -
7	10			"		
8	10		"			
9	10					Crew saying off 1 fishing vessel
10	10					Banyards [illegible]
11	10			"		
12	10					
	237					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 51° W	237	150	183'	29°07'	29°14	2½	212	9°40'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of Feb 26th 1861
1	9		N.NW	SbyE		
2	9					Good Breeze and drizzly
3	9					
4	9					
5	9					
6	9					
7	8			SSE		
8	8				a6 w70	
9	8	4				Bright Moonlight - drizzly ~~[illegible]~~
10	8	4				cloudy spells -
11	7		"			
12	7					
1	7					
2	7		"			Sent up Main topmast Studsail
3	7					boom Starboard side & rigged the sail
4	8					carpenter at work on new Fore yard
5	8					
6	7					
7	7					Irwin still laid up with
8	7		"			Dysentery (bad case)
9	7½					
10	7					
11	7					
12	7				a75° w71°	
	189					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 45° W	189	134	134	27.0	27°17'	2 -	151	7°05'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of Feb 27 1861
1	6		N NW	S.SE.		
2	6					
3	6		"			Fine Pleasant weather
4	6					
5	6					4 PM bent old mainsail & unbent storm sails
6	6					
7	6					
8	6			"	a70 w71°	a sail insight ahead
9	7					
10	7					
11	8		"			Fine Pleasant weather
12	8					
1	7					
2	7					Daylight Past on her quarter bound same way
3	7					
4	7			"	a69° w71°	
5	7					
6	7		"			Passing clouds & Fine weather
7	7					
8	7					
9	8					Ends fine —
10	8					
11	8		"	"		
12	8				a74° w72°	
	166					South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
h S6° W	166'	92	138	2645	25°41		153	4°36'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Thursday day of Feb 28 1861
1	7		N NW.	S.S.E.		
2	7					
3	7				24 dapout	This day comes in with moderate breezes and fine weather Crew variously employed on rigging work
4	7					
5	7					
6	7					
7	7		"	"		
8	8				a71° w72°	
9	7					Passing squalls.
10	6					
11	7					
12	8					
1	8		"	"		
2	7					
3	7					
4	9				a70° w72°	
5	7					
6	7					Commenced Battling down fore & aft
7	9		"	"		
8	9					
9	8					
10	7					Ends with occasional squalls & light rain & Passing clouds
11	6					
12	6				a76° w74°	
	175		S5°0S			South East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S6° W	175	97	145	24°04'	24°00'		161	1°55'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		NNW	SSE.		Friday day of March 1st 1861
2	6					
3	6					Battling down alow & aloft
4	6					
5	6					4 PM shifted Main & Mizn topsails bent old sails
6	6					
7	7					
8	8				a75° w72	First part pleasant
9	7					
10	7					
11	7					Middle part squally & very cloudy flaws at times
12	7					
1	8					
2	8					
3	9					
4	9				a71° w74°	Ends cloudy strong Breeze & some rain
5	9					
6	9					
7	9					
8	10					
9	10			SSE & S		Pumps carefully attended to
10	10					Irvin still sick
11	10					
12	10		Mid Night		a74° w74	South West
	190					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 56° W	190	105	157	22° 15'	22° 07'		172	00° 57'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	8		N.N.W.	SSE.		Saturday day of March 2 1861
2	8			to		
3	7				56 days out	Battling down
4	7			SSW		
5	6					Martin fine
6	6					
7	7		"			
8	7			"	a74 w74	
9	7					
10	7					
11	8					
12	8					Middle part Squally once some rain squalls
1	7		"			
2	7					
3	7			"		
4	8				a72° w73	A ship in sight bound same way
5	8	4				
6	8	4				
7	8	4				Ends squally unpleasant
8	8			SE.		sun went to the yard
9	9		Mid N			
10	9		Mid N & N			
11	9					
12	9					West
	185					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 88° W	185	9 9	15 6	20° 28'	20° 26'		167	9° 44'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9		N. NW.	NEbE		Sunday day of March 3 1861
2	7					
3	6					Fine weather generally.
4	6			E		Got in yard across the
5	6					forecastle & painted it new
6	6					
7	6					
8	5		"	S.S.E	a74° w74°	
9	7					Papers, clouds and
10	7					occasional squalls,
11	7					
12	8			"		
1	8					
2	9					
3	9					
4	9				a72° w74	Ends fine pleasant weather
5	8			"		
6	8					
7	7					
8	7					
9	6	4	Nbyw½w	"		
10	6	4				
11	6	4				
12	6	4			a81° w76°	
	171					South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N S6° W	17	9 S	14.2'	18 S1	1852		15.0	S 14'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		Nbywlw	SSE		Monday day of March 4 th 1861
2	6					
3	6					Fine Pleasant weather
4	6					and moderate trade
5	6					
6	6					
7	6		N. NW			
8	6				a75-w74	Midpart Hazy
9	5					
10	6					
11	6					
12	5			SE		Morning watch wind hauling
1	5					to eastward trim sail as required
2	4					
3	6					
4	5				a73 w74	Ends good Breeze fine Sea
5	4					
6	8					
7	10			ESE		
8	9		Nbywlw			Batting down
9	9					
10	8			East		
11	8					
12	151		9.202		a74 w76°	South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N S6° W	151	84	126	1728	1726		1.32	7 26'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of March 5th 1861
1	5		Hobg N½W	E.S.E.		
2	5					
3	5		"			This afternoon sent old Fore Yard on deck and sent up new one.
4	5					
5	5					
6	5					
7	5					
8	6					
9	6					
10	6					
11	6					Mid watch sent up Topmast Studsail boom Starboard side for yard & rig the sails — (two Lower Studsails set one side)
12	6					
1	6			S.S.E ½ E		
2	6		"			
3	6			S.E.		
4	6					
5	7			E.S.E.		
6	7					Latter Part sent boom fore & Yard up Forward
7	7		"	East		
8	6					
9	5					Light wind & pleasant
10	5					Rolling down. Carpenter
11	5		"	E.S.E.		making new Foretopsail yard out of Fore Yard
12	5					South
	135					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N S6°10 W	135	75	112	16°11'	16°18'		117	9°23	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of March 6th 1861
1	5		Hobg N½W	S.E.		
2	5			to		
3	5				60 days out	Crew employed on rigging
4	5			E.S.E.		No 1.
5	5					
6	6		"			Pumps carefully attended to
7	6			"		
8	6				a76 l76	
9	6					
10	7					Fine pleasant weather
11	7					
12	7			"		
1	7					
2	6					
3	6					
4	7			"	a74 l76	Irwin still sick
5	7					
6	7	4	"			Boy Tiler dead
7	7	4				
8	8	4		"		
9	8					Light warm & pleasant
10	8					breezes
11	8	4	"			
12	8	4				
	152					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N S6°10 W	157	87	130	14°51'	14°51'		135	11°38'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of March 7th 1861
1	7		Mobj N½W	SE		
2	7					
3	7					Fine pleasant weather
4	7					with steady Breeze thro
5	6					ghout.
6	6					
7	7					
8	7				a75°w76°	Watch at work on
9	7					rigging.
10	7					
11	7					
12	7					
1	7					
2	7					
3	8					Latter Part warm sun
4	8				a74 w76°	and moderate
5	8					Breeze
6	8					
7	7	4				
8	7	4				
9	7	4				
10	7	4	Mobj N			
11	7					
12	7					
	172				a86°w79°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					South			West	
N62°W	172	81	152	13°30'	13°21'		157	14°15'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Friday day of March 8th 1861
1	6		Mobj N	SE		
2	6			SE by E	6 2 dapont	Finished Breezy down fore
3	6			S.E.		& aft.
4	6					
5	6	4				
6	6	4				
7	7					Moderate trades and
8	7				a78°w78°	fine weather
9	5					
10	5					
11	6					
12	6					
1	6					
2	6					
3	5					Ends warm.
4	6				a76°w78°	
5	6					
6	6					
7	6					Irwin sick
8	6					
9	5					
10	5					
11	5					Pumps carefully tended
12	5		g.806		agr a81°	
	140					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N62°W	140	66	123	12°15'	12°25'		126	16°21'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Saturday day of March 9th 1861
1	5		Variable	SE by S		
2	5			to		
3	5			SE.		
4	5					Light breezes and warm weather painting iron work alow & aloft
5	5					
6	5					
7	6					
8	6				N78°W79°	
9	6					
10	6					
11	5					
12	4					
1	4					Midnight - same fine clear weather & smooth sea.
2	4					
3	5					
4	5				N78°W79°	
5	5					
6	5					
7	6					
8	6					Ends warm carpenter at work in Fulpsail yard.
9	6					
10	6					
11	6					
12	6					
	127					South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 62° W	127'	60	112	11. 25 -	11°23'		1,15 -	18 16	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of March 10th 1861
1	6		Variable	SE to		
2	6			SE by S		
3	6				64 days out	Warm sun & fine weather
4	6					
5	6					
6	6					
7	6					
8	6				N79°W80°	Wind steady light airs & sea remarkably smooth
9	6					
10	6					
11	6					
12	6					
1	6	4				
2	6	4				
3	6	4	"	"		
4	6	4			N78°W80°	Seas warm.
5	6					
6	6					
7	6					
8	6					
9	6					
10	6					
11	6		"	"		
12	6				N82°W83°	South West
	146					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 62° W	146	69'	129	10° 14	10° 14		1 31	20° 27'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NW by N	SEbS		Monday day of March 11 1861
2	5					Light Breze and fine wea
3	5					
4	5					
5	6					
6	6					
7	6			SSE.		First Part wind canting south
8	6				a80°W81°	
9	6					
10	7		"			
11	7					Midwatch cloudy on horizon a
12	7					squally appearances
1	7					
2	7					
3	7					
4	7		"	SE	a79°W81°	Morning watch wind
5	7					canting both to Eastward with
6	7					good Breze
7	7			ESE		at 8 Som sent down old Fl'tsail
8	8					yard & sent up New one
9	8					
10	7		"	S.E.		
11	6					
12	5				a88°W85°	
	165					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					South			West	
N62°W	155	73'	137'	9°01'	None		137	22°46'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NbyN	SE		Tuesday day of March 12 1861
2	5			to	66 dayout	
3	5					
4	5			SEbS		Comes in with light SE
5	5					wind & pleasant clouds dispd
6	5					& shaping Sail preparatory
7	6					to taking down
8	6		NbyN		a80W82°	
9	6					
10	6					
11	6					Midnight squalls accumulating
12	6					round horizon
1	6					
2	6					
3	7					
4	7				a80°W82	
5	6					Commenced taking down
6	6					
7	6					
8	6					Ends cloudy and good breze
9	8					
10	7					
11	8					
12	8		10.80			
	46					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					South			West	
N62°W	146	69'	129	78.2'	8 3		131	24°87'	

Journal from New York towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of March 13 1861
1	7		Mid N			
2	8			SSE		
3	8			to		Tarring down
4	6			SSE.	67 dayout	
5	7					
6	7					
7	7					Cloudy & squalls appearance
8	9				N81W82	after nightfall
9	7			SE		
10	7					
11	7					Midnight sharp squalls
12	7					from E & SE with rain
1	7			ESE.		
2	7					
3	6	4		SEbyS		
4	6	4			N79W82	Cloudy throughout with
5	6	4				
6	6	4				
7	6	4	Mid N			Time clear weather again
8	6	4				
9	7	4				Tarring down
10	7	4				
11	7	4				Being still sick
12	7	4				
	169					South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N62°W	169'	77'	144	6°46'	6°46'		145'	27°22'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of March 14 1861
1	7		Mid N	SEbyS		
2	7					
3	7	4				Tarring down.
4	7	4				
5	7		Mid N			
6	7					
7	7	4				
8	7	4			N82W82	
9	7	4				Cloudy - with squalls
10	7	4				
11	7	4				appearances at midnight.
12	7	4			~~N82°W82°~~	good Breeze right -
1	7					
2	7					
3	7					
4	8				N81W82	
5	7					
6	7					Was cloudy
7	7		Mid N			
8	7					
9	6					
10	6					
11	6					
12	6				N88°W84°	South West
	169					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N62°W	169'	80	149	8°26	8°81		154	29°52	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		NW by N	SSE by S		Friday day of March 15 1861
2	5			to		
3	4			SSE.		Finished tarring down
4	6					
5	5					Weather cloudy - with
6	5					rain squalls working
7	6		NNW			round the horizon
8	6				a82°w82°	
9	5			SSE		
10	7			to		
11	6					Mid watch sharp rain
12	6					squalls -
1	6			SE.		
2	6					
3	6					Daylight - Made Ferdinand
4	6				a 80° 82° W	Nuffina on lee bow
5	6					
6	6					Scraping spar spars & decks
7	5					& painting left of main deck
8	5					house
9	6					
10	6		NbyW -		91 W 85	Noon the land bore West - true course
11	6					4 miles dist -
12	6		Variable	Variable		DR Long 0 miles - saw Sombrero Island
	136					ten miles from Cape -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 46° W	136	95 S	97	3° 56'	3° 52' Land		97	31° 29'	32° 21'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	5		NbyW	SSE.		Saturday day of March 16 1861
2	5					
3	5					Scraping spar spars -
4	5				70 days out	on deck -
5	5					
6	5					
7	5					Lost sight of Ferdinand at 6 PM
8	5		"	"	a83°w82°	
9	4					
10	4			SE.		Occasional squalls
11	4					
12	4					
1	4					
2	4		"			
3	5					
4	5				a81°w82°	
5	5					
6	5					
7	5					Ends warm & pleasant -
8	5					
9	5					
10	5					
11	5					
12	114		10.962		a86w85°	Wet -

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 28° W	114	100	5.4	2.12	South		5.4	33 15	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Sunday day of March 17th 1861
1	5		North	E. SE.		
2	5			E NE		Finished scraping all round upon house - 1 hand on sick -
3	4		N. NW.	N E	7 Mayport	& Chafing gear to bed - advantage
4	4			E		
5	4		North	E N E		Wind canting about in light - rain squalls -
6	4			East		usual Chinese weather
7	2					
8	2			S.S.E.	ASO WSI	
9	2			E N E.		
10	2					
11	2					
12	2			E		Wind baffling about through
1	2					out the night -
2	2			N E		
3	8					
4	4		N ÷ W.	E	ASO WSI	Moony watch hard squalls
5	4		North	E N E.		
6	8					Cross moderate Breeze
7	8					and steady —
8	7		N NW			
9	7					
10	6					
11	6		N ÷ W			
12	6				AS 5° W 8°	South West -
	97					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 18° W	95	90	30		57'		30	3 ~~0~~ 5'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of March 18th 1861
1	5		North	East		
2	5					Remarkably fine weather
3	5					generally -
4	5					
5	6					no rain a pleasant Breeze
6	6					clear sky & smooth water
7	6					
8	6				ASO WSI	James Highland Kid up work
9	6					
10	6					on of "Jobs Comforters" on his arm
11	6					
12	6					Crossed the Equator about ~~12~~ PM
1	6					
2	6					
3	6					
4	7				AS° WS°	
5	7					Commenced holystoning
6	7					Main deck Forward —
7	7					
8	7		S S E			
9	7		N NW			
10	8					
11	8					Cross staff Brings and sun
12	8.2				AS5° W8 2°	sets on from NE Generally
						South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 27° W	18.0	1.84'	68	1° 17'	1° 25'		68	96° 43'	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Thursday day of March 7 1861
1	11		N by W			
2	11					Holystoning decks
3	10					
4	10					
5	10					Considerable rain during
6	10					afternoon & evening out by
7	10					moderate spells
8	10					
9	9		N. NW.			
10	9					
11	9					
12	9					Mid part ditto.
1	10					took in skysails
2	11					
3	11					& A M heavy thunder &
4	11					very rapid lightening
5	8					for a while
6	8					
7	8		NW			
8	10					Fine clear. brey & wet
9	11		N by W			
10	11					
11	11					Noon. Sent another main topsail
12	11			a88° w82		yard
	239			South		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 54° W	238'	140	192	3° 45-	None		192	39° 55'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Wednesday day of March 20th 1861
1	10		N. NW.			
2	10			E by N		
3	10					During afternoon carried
4	10					carried fills &
5	10					
6	10					
7	4					
8	3			a77° w82°		First Part squally.
9	4		NW			
10	4					
11	4					
12	4					8 to 4 expected rain
1	3		NNW	NE		with thunder, lightning
2	3					and little wind
3	3					
4	6			a75-w82°		
5	9			South		Morning watch very baffling
6	9			SSW		
7	0					
8	1			East		
9	5					Was good Brey again & cloudy
10	9					
11	12			E N E		allow 1 mile current to NW by N
12	12 3		11°623'	a78° w81°		South

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 30° W	171	109'	1-31'	5° 36	None		135'	42° 10	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	12		N.N.W.	E.N.E.		Friday day of March 21 1861
2	10					
3	10					First Part very remarkable weather wind blowing in strong Breeze for 3 or 4 hours and then dying away almost to a calm with small sort of
4	9			E.S.E.		
5	8			E.N.E.		
6	8					
7	8					
8	10				a 78° w 80°	rain
9	6					
10	6					Holystoning decks every opportunity
11	6					
12	6					
1	3					
2	3					Mid watch light breezy and cloudy
3	3		N.W.	N.E.		
4	6					& AM breezing up again
5	6		N.N.W.	E.N.E.		
6	6					
7	6					
8	8					Ends good Breeze with passing squalls & cloudy at
9	10		N.W.by N.			times
10	10					
11	10			Compass		seems to be correct again
12	10			a 82 w 80		North West
	204					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 61° W	204	98	178	7° 12'	7° 08		178	48-08	40° 57'

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10		NW			Friday day of March 22 1861
2	10		NbW	E.N.E.		Stiff Breeze and rough sea Ban. set N.N.E. staysail
3	10					
4	10					
5	10		NW.			Holystoning decks
6	10					
7	10					
8	10				a 80 w 81°	
9	10		"			First part stiff Breeze and Passing clouds.
10	10					
11	11					
12	11					
1	10					Mid watch carried away N.N.E. yard in sling, bent in Royals & staysails bent F.E. & N.N.E. staysail.
2	10		"			
3	10					
4	10					
5	10		"			Cleared away the wreck carpenter fitting spare yard on deck. bent new Main N.N.E. staysail & F Royal.
6	10					
7	10					
8	10		"			
9	10					
10	10					
11	10		"			
12	10				a 82 w 80	North West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N 80° W	242	42	238	9.86	9.91		238	4°03'	

Journal from Hongkong towards New York

Saturday day of March 23rd 67

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10	4	NW.	NEbE		
2	10	4				
3	10	4				
4	10	4				
5	10	4				
6	11					Crowded sail on M. T. S. and bent new sail Steering Bridge and considerable sea on
7	12		NbW½W			Set T Sail & M. T. S. staysail new on
8	12				a7½W80	
9	12					
10	12					First watch stiff Breeze & not to much sea on
11	12					
12	12					
1	11					
2	10					
3	11					
4	12				a7½°W80°	Good breeze & fine weather
5	12					Set Royals &
6	12					
7	10					Hoisting ducks
8	10					
9	10					
10	10					
11	10					
12	10				a8½W80	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					North			West	
N 46°W	263	182	191	12.3	11.48		198	47°19	

Sunday day of March 24th 67

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10		NW.	NE		
2	10			E		Good breeze & fine weather Set skysails & M. T. S. staysail
3	10				9½ daysail	
4	10			ESE		
5	10					4 P.M. shifted Mainsail set- 2 points beat
6	10					
7	10					
8	10				a7½W80	
9	10					
10	10					Beautifull Moonlight and fine weather -
11	10					
12	10					
1	10		NWbW			
2	10					
3	10					Wind getting light -
4	10				a7½W80	
5	10					
6	10					
7	9					Days warm & pleasant
8	9					
9	8		NW½W			
10	8					
11	8					
12	8		12 S62		a8½°W80	
	230					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
					North			West	
N 52°W	230	142	180	140.7	138		184	50°21	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Monday day of March 25th 61
1	8		NW½N	Easterly		
2	8					Fine weather and good breezes.
3	8					
4	8					
5	8			ESE.		
6	8					Let Lower studdn sail
7	8				a 7° W 80	
8	8					
9	8					
10	8			East		
11	8			to		
12	8			ENE.		Set a N wind carried to Southern in a rain squall
1	8					
2	8					
3	7½					
4	8			ESE. NNE.	a 76° W 99	Young still sick
5	8					
6	8					
7	8					Morning watch scrubbing paintwork.
8	8					
9	7½		NW.			
10	7½					Temp. carefully attended to
11						
12	9				a 84 W 81°	Days warm & fine

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 51° W	196	124	151	16.02			158'	52° 59'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS Tuesday day of March 26th 61
1	7		NW	East		
2	8		"	to		
3	8	4		ENE	80 dep out	Commenced to Varnish inside.
4	8	4				
5	8	4	"			
6	8	4				Fine weather
7	8	4				
8	8	4	"		a 78 W 79°	
9	9					
10	9					
11	10		"	"		Bright Moonlight and fine weather throughout
12	10					
1	9					
2	9					
3	9					
4	9		"		a 75 W 78°	
5	9	4				
6	9	4	"			
7	10					Continued Painting
8	10					
9	11			"		
10	11					
11	10					
12	10				a 86°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 50° W	221	140	171		17°58		179	55.58	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	9	4	1 w	E.N.E.		Wednesday day of March 27 1861
2	9	4				
3	9	4				Commences in squally constrained to touch off & on
4	9	4				
5	10			N.E.		
6	10					Clouds at Dark and looks threatening
7	10					
8	10				a77 w78	
9	10					look on light sails
10	10			East		
11	10					Midnight considerable rain falling
12	10					
1	9					
2	9					9 am set M. Royal
3	9			E.S.E.		
4	9				a74 w77	
5	10					
6	10					Saw a fine Aft schooner home to the L.W.
7	11					
8	11					
9	10			N.E.		Was doing brew I very cloudy
10	10					
11	10					
12	10				a77 w78	Smith East

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
2 S0° W	226	143	175	20° 21			185	59° 03	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	10		NW	S.E.		Thursday day of March 28 1861
2	10					
3	10				82 dap ost	Good brew and p[leasa]ble weather
4	10					
5	9					
6	9					
7	9					First Part large cloud banks all round with considerable
8	9				a75-w76	lightning principally from NW
9	8					to 8 PM both in. 7 7½ sail Tauntsail
10	8					sky sail & Royal wind lightning to
11	8			S.S.E.		NW & north
12	8					
1	8					Turbulent sea ar-
2	8					Pourin watch wind wind
3	8		W.N.W.			baffling about all points & comes
4	8					all hail set again
5	1			SW		
6	0			West		
7	1			NW		
8	4		NW.	E.N.E.		Was warm sun little wind &
9	4			E.N.E.		ship tumbling about a great
10	4			S.E.		deal
11	4			S W		
12	4		18,266	W.S.W. ass[ed]		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
2 S9° W	161	83'	137'		21° 11'		146	61 29	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS — Friday day of March 29 1861
1	2		NW by N	SW to W SW		
2	2					Light Baffling winds
3	2					set up all backstays to main
4	2		NW	SE.		bent new mizzen topsail
5	2					Weather warm & pleasant but
6	2					nasty sea on. Saw large
7	3			ESE.		fields of Gulf weed
8	4				a 77 W 77°	
9	5					
10	5					
11	5					First part bright Moonlight
12	5					& cloudy flying NW.
1	5			SE to		
2	5			ESE		
3	3					
4	1				a 75° W 77	
5	3					Saw some light weather birds
6	3					tumbling about a great deal
7	2			SE.		
8	2					
9	2		NW by N			Pumps carefully attended to
10	1			NE.		Wind getting worse
11	1					
12	2		N NW	North	a 79° W 77°	Lat Lon

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 55° W	69	39′	56′	21° 50			65	62° 84	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS — Saturday day of March 30 1861
1	4		NW			
2	4			NNE.		Comes in with cloudy weather
3	6				84 Dayspout	and indications of a strong
4	6					Breze before long.
5	6		"			
6	6					7 PM breezy up took in skysails
7	9			NE.		
8	9				a 74° W 76°	8 to 9 took in Royals & Staysail
9	10		"			& Jib & Spanker
10	18					Hard squalls upto 10 A M.
11	11					when moon rose & with a fine
12	11					weather & strong cloudy Breze
1	11			NE		
2	11			E		
3	10					Morning watch Holystoning Deck
4	10			ENE	a 73° W 75°	deck
5	11					
6	11					
7	11					Less fine Breze & weather
8	11					
9	11					
10	11					
11	11					
12	11				a W 76°	South West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 51° W	228	142	178	24° 12	24° 27′		186	65° 40′	

Journal from Hongkong towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	1		NW			Sunday day of March 31st 1861
2	11			N.E.		
3	11					Comes in with fine weather
4	11					Painted the after hours
5	11		NbW			Saw a sch bound SW
6	11					
7	12					
8	12				a74w75	Set In K. 7 Jib, 1 Cross Jack
9	11					
10	11		NWbW			
11	10	4				
12	10	4				
1	10	4				Midwatch made all sail -
2	10	4				wind moderating
3	10	4				fine moonlight -
4	10	4			a74w75	
5	9					
6	8					Ends Lackwith wather &
7	8					moderating winds
8	8					
9	7					
10	7	4				
11	7	4				
12	7	4			a76w79°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 49° W	237	157	177	27°04	26°59	Compass 1pt	195	68°55	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		N.NW.	N.E.		Monday day of April 1st 1861
2	6					
3	6			NbE		Remarkably fine weather
4	6					
5	7					
6	7					
7	7					
8	7				a71°w72°	
9	7		"	"		
10	7					Fine weather throughout
11	7					
12	7					
1	8					
2	8					
3	6					
4	6				70 w72°	
5	8		-	.		Painting ship
6	6					
7	6					Saw a Bargue round West
8	6					
9	5					
10	5					Ends very fine weather
11	5					
12	5		13946		a74°w73°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Ob.
N 24° W	181	126	84	29°05	29°09		95	70°30	

Journal from Hongkong towards New Port

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Tuesday day of April 2nd 1861
1	4	4	N.NW.	N.E.		
2	4	4				
3	4	4			87 dapont	Painting ship --
4	4	4				
5	5					remarkably fine weather
6	5					scarcely a cloud to be seen
7	6					and smooth water
8	6					
9	6					
10	6					
11	5					
12	4					
1	3	4		SE		Midwatch wind variable
2	3	4		SSE		round to Southward
3	3	4				
4	3	4				
5	2					
6	3					
7	3			SSW		Ends fine weather wind handy
8	5					to Nat
9	5			SW		Noon beat down new Zealand
10	5			WSW		
11	6					2 sails in sight
12	6			W by S	a74°w72°	West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S 39°W	108	83'	68	30°32	30°24		77	71°47'	

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
						Wednesday day of April 3rd 1861
1	6		N.NW	SW		
2	7					Fine weather and
3	7			WSW		smooth water
4	8				88 dapont	
5	7			West		Wind gradually hauling to
6	7					Westward
7	7					
8	7				a71°w71°	10 PM wind came out NW
9	8					& hauled to South before midnight
10	4					
11	5		N.E	NNW	NNW	
12	5		E.N.E	South		& AM backed ship to NW by N
1	6					
2	6					
3	6			NNE		
4	6				a66°w70°	Holystoney pools -
5	6		Muggin N.E			
6	6					
7	6					Ends cloudy & smooth
8	6					water
9	6		NNW			
10	6			NEbN		
11	6					
12	6				a64°w68°	South West
	147					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 18°W	119'	113	38'	32°17	32°11		46		

Journal from Hongkong towards New York

Thursday day of March 4th 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		NNW			
2	7					Bringing ship from N.E.
3	8					
4	8		NbyW½W			Day watch took in Royals & Jib Mizen
5	8					T.G. sails
6	8					Dark, rainy, head seas
7	8		N NW			
8	8				a 59 w 66°	
9	8					
10	8					
11	8					
12	8					
1	8		NWbyN			
2	8				a 60 w 67°	Morning watch took in Mn T.
3	8					sail, double reefed fore &
4	8				60 67	Mizen topsails, & a.m. double reefed
5	8					Main topsail.
6	8					
7	7					Noon Turks Island Passage
8	7				w 72°	Ships in Gulf Stream
9	8					
10	8				w 76°	
11	8					
12	8				a 56 w 77°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					34° 15'				

Friday day of April 5th 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		NWbyN	NE.		
2	7				078	Ships in Gulf stream heavy rain
3	7					squalls
4	7					
5	7					
6	7				66°	7 PM made Ocracoke light bearing
7	7		N NW		66°	N NW
8	5					7 30 tacked off shore
9	4		East	NNE		
10	4					Moderating out all reefs set
11	5	4		to		N.W. & sail
12	5	4			a 45 w 65	
1	6			North		2 AM saw steamer bound south
2	6					
3	6					
4	6				a 47 w 72°	
5	5	4			74	In the Gulf again -
6	5	4			76	
7	5	4			76	
8	5	4			76	Wind flaws
9	6					
10	6		NWbyW			Set chains on deck
11	7					
12	7		14.50 S		a 56 w 75°	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					34° 58'				

Journal from Hongkong towards New York

Saturday day of April 6th 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	6		NWbW	North		
2	6		E.N.E.			
3	7					
4	7					
5	6		N.E.bE.			
6	6					
7	8		EbN	NNE		
8	8				a 6 E° N 7 4'	
9	4					
10	5					
11	6					
12	3					
1	3		NWbN	NNE		
2	3		N.NW	NE		
3	4					
4	4		NWbN	NNE		
5	4					
6	4		"			
7	6					
8	6					
9	5					
10	5				Jenny still sick	
11	6		"			
12	9 16					

Fast watch, ready and heavy sea running, lost in Mainsail & Jib

Transpt two ships to New wind canting Eastward

6 A M set Mainsail Jib

Sent new Main topsail

Moderating, got all reefs and set T. G sails.

Less cloudy, no observation

Saw several other vessels

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 15° E	72'	68'	18	36° 06	None			74° 47	

Sunday day of April 7th 1861

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS
1	7		NWbN			
2						
3	7			NE	92 days out	
4	7		N.NW.			
5	8					
6	9					
7	9		NWbN			
8	9		East	N.NE		
9	8		~~Hoops~~			
10	8					
11	8					
12	6		ENE	NE		
1	7					
2	8					
3	8					
4	8		S.E.	ENE.		
5	6		NbW			
6						
7	7					
8	8					
9	8		NbW			
10	8					
11	8					
12	8					

Many sails in sight, weather thick and hazy obscured by clouds

8 P M stood off shore. made a light at same time Body Island light

Not a star to be seen all night, passed several ships

Had same cloudy weather and good Breeze,

Saw the sun for a moment at Noon

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
N 16° E	98'	97'	17'	37	36° 55'		18	74° 29	

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	18
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Journal *from* *towards*

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	*day of*	*18*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

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Journal from towards

H	K	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18
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2			Sea time August 27th 1861				
3			from			Star aldebaran	
4			13h 41-46"	30° 44'	=	13h 46' 23" 15° 15'—	
5							
6			13h 50' 35"—		24° 43' 00.		
7							
8			13h 56' 06"	22.21'	=	13h 55' 36" 16° 45'—	
9							
10			10.22. 1.37			9: 13. 1.30	
11			1.37' 2685—			1° 30' 3010	
12			13h 45' 44			13. 46.23	
1			13 50 35—			13. 50. 35— 16820	
2			4.51 1.5695—			4.12 19330	
3			10.22" 1.2396			9. 13 1.2907	
4			5984			6423	
5						15. 15—	
6			30 44			41	
7			45— Norno alt—			15° 56 Stars alt—	
8			31.29				
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Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H	R	F	COURSES.	WINDS.	LEEWAY.	REMARKS	day of 18
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